**Study
Note
2002-01**

**Update of U.S. Army Research Institute's
Officer Personnel Research Data Bases
for 1999 and 2000**

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**United States Army Research Institute
for the Behavioral and Social Sciences**

July 2002

20020710 065

U.S. Army Research Institute
for the Behavioral and Social Sciences

A Directorate of the U.S. Total Army Personnel Command

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Research accomplished under contract
for the Department of the Army

Human Resources Research Organization

Technical Review by

Peter Greenston

REPORT DOCUMENTATION PAGE

1. REPORT DATE (dd-mm-yy) June 2002	2. REPORT TYPE Final	3. DATES COVERED (from. . . to) 3 August 2000 – 31 April 2002	
4. TITLE AND SUBTITLE Update of U.S. Army Research Institute's Officer Personnel Research Data Bases for 1999 and 2000		5a. CONTRACT OR GRANT NUMBER DASW01-98-D-0047 (Delivery Order 0023)	
		5b. PROGRAM ELEMENT NUMBER 65803	
6. AUTHOR(S) Winnie Y. Young		5c. PROJECT NUMBER D730	
		5d. TASK NUMBER 244	
		5e. WORK UNIT NUMBER C01	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Human Resources Research Organization (HumRRO) 66 Canal Center Plaza, Suite 400 Alexandria, VA 22314		8. PERFORMING ORGANIZATION REPORT NUMBER FR-02-19	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Research Institute for the Behavioral and Social Sciences 5001 Eisenhower Avenue Alexandria, VA 22333-5600		10. MONITOR ACRONYM ARI	
		11. MONITOR REPORT NUMBER Study Note 2002-01	

12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release; distribution is unlimited.

13. SUPPLEMENTARY NOTES
Peter M. Greenston, Contracting Officer's Representative

14. ABSTRACT *(Maximum 200 words)*:
    This document describes the procedures performed to add 1999 and 2000 personnel data to the Longitudinal and Core data sets of the Officer Longitudinal Research Data Base (OLRDB) and the Core Data Set of the Officer Standardized Educational Testing Data Base (OSETDB). These data sets, which were designed for research purposes, contain historical and current data on U. S. Army Officer personnel. The OLRDB contains career history data primarily from the 1979 through 2000 Officer Master Files (OMF) and the Separation Officer Master Files (SOMF). A secondary data source was included to record early separations due to incentive programs. These data were captured from the Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) file. The OSETDB contains academic measures for officer personnel commissioned between 1980 and 1990 in the form of standardized scores. The testing data consists of the Scholastic Aptitude Test (SAT) from the Educational Testing Service and the American College Test (ACT) from the American College Testing Program for the academic years 1973 through 1985.

15. SUBJECT TERMS
commissioned officer; personnel data bases; military personnel data bases; longitudinal data base

SECURITY CLASSIFICATION OF			19. LIMITATION OF ABSTRACT	20. NUMBER OF PAGES	21. RESPONSIBLE PERSON
16. REPORT Unclassified	17. ABSTRACT Unclassified	18. THIS PAGE Unclassified	Unlimited		(Name and Telephone Number) Peter M. Greenston (703) 617-0344

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INTRODUCTION

Since the 1970s, the U.S. Army Research Institute for the Behavioral and Social Sciences (ARI) has maintained a set of data bases that contain historical and current data on the U.S. Army officer personnel. The longitudinal and core data sets of the Officer Longitudinal Research Data Base (OLRDB) and the core data set of the Officer Standardized Educational Testing Data Base (OSETDB) were designed to be a ready source of Army career history information for analysis of career path issues such as attrition, retention, and promotion, as well as a complement to survey data collected to study leader development, organizational commitment, and other issues.

Originally, the OLRDB also consisted of four other data sets: Reserve Officer Training Corps (ROTC) Advanced Camp, ROTC Commissioning, United States Military Academy (USMA), and the Automated Instructional Management System (AIMS) data sets. The ROTC and USMA data sets contain data from 1982 through 1991 and the AIMS contains data from 1985 to 1991, and have not been updated since 1991. ROTC and USMA data sets contains pre-commissioning data while the AIMS contains post-commissioning data on performance in training. Please refer to Lori Ramsey, et al. (1992) for more information on these data sets.

The OLRDB and OSETDB are being updated every other year. The last update of the 1997-1998 cycle was completed in September 1999. The 1997-1998 OLRDB longitudinal and core data sets consist of fields selected from the 1979 through 1998 Officer Master Files (OMF), the 1979 through 1998 Separation Officer Master Files (SOMF) maintained by the U.S. Army Personnel Command (PERSCOM), and the 1992 through 1998 Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data supplied by the Defense Manpower Data Center (DMDC). The availability of the VSI/SSB data allows researchers to gain a better understanding of the current and future impact of early separation incentive programs on officer personnel. Separation data for 1970 through 1978 from the Master and Loss File (MLF), maintained by DMDC, were also included to provide officer history during the transition to the volunteer Army.

The OSETDB core data set contains academic aptitude measures in the form of standardized scores for the Army officer corps. Standardized test data were added to Commissioned Army officer personnel records to develop the initial data set. The OLRDB core 1990 data set was utilized to identify officers commissioned between 1980 and 1990. Testing data, consisting of Scholastic Aptitude Test (SAT) scores from the Educational Testing Service (ETS) and American College Test (ACT) scores from the American College Testing Program for the academic years 1973 through 1985, were collected and matched into the officer records.

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OBJECTIVES

The objectives of this project were to update the existing longitudinal and core data sets of the OLRDB and the core data set of the OSETDB with OMF, SOMF, and Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data; and to update the OSETDB core data set with data from the OLRDB core data set. To meet these objectives, current information was added to the officer data sets as follows:

- OMF and SOMF data for 1999 and 2000 were added to the OLRDB longitudinal and core data sets to provide recent officer personnel data. To supplement separation history, early separation incentive data from the fiscal year 1999 VSI/SSB file were incorporated into the data sets.

- To capture the most recent officer personnel data, the existing data in the core section of the OSETDB core data set were replaced with data from the 1999 and 2000 OLRDB core data sets.

- To provide more extensive information on officer history, the OLRDB core data set was updated with assignment history data elements from the 1999 and 2000 OMF and SOMF data.

The following tasks were to be accomplished under this project.

1. Update the existing OLRDB longitudinal data set with the 1999-2000 source data.

2. Update the existing OSETDB longitudinal data set with the 1999-2000 source data.

3. Convert and verify the update processing from NIH mainframe Programming Language I (PL/I) programs to personal computer (PC)-based Statistical Analysis System (SAS) programs.

4. Retrieve cases that were inappropriately deleted from the OLRDB database from 1995 through 1998.

5. Extract selected OSETDB assignment history data elements and add them to the current OLRDB database.

The remainder of this report describes the activities and results of each of these tasks.

TECHNICAL APPROACH

Task 1: Update the existing OLRDB longitudinal data set with the 1999-2000 source data

The Officer Longitudinal Research Data Base (OLRDB) was designed to be updated with annual Officer Master File (OMF) and Separation Officer Master File (SOMF) data. The OLRDB longitudinal data set is a character file containing separate segments for each year of OMF history for an officer and is updated by adding annual data to fixed locations within the record. The section of the longitudinal data set containing the final or most recent officer information was also converted into a SAS file referred to as the core data set.

The source data that were used to update the OLRDB longitudinal data set consisted of the 1999 and 2000 OMF and SOMF data and the 1999 fiscal year Voluntary Separation Incentive/Special Separation Benefit (VSI/SSB) data. PERSCOM provided the OMF and SOMF data (under the data request known as DCSPER 477) and the VSI/SSB file was supplied by DMDC.

For privacy concerns, the social security numbers in the final OLRDB were replaced with a unique nine digit identification number called MATCHCOD. The encryption was performed using a complex algorithm, a copy of which has been provided to ARI for secured storage.

Task 1.1: 1999 OLRDB Updates

Initially, there were several problems associated with the FY1999 OMF and SOMF data files that ARI received from PERSCOM, resulting in unexpected delays. These problems included: (a) the cut-off date was not September 1999, (b) the record length was longer than expected, and (c) the record count for SOMF was only 10% of what was provided in previous years. Eventually, ARI received corrected data for the 1999 OMF and SOMF. The variables that were needed for the 1999 updates were extracted and frequency distributions were produced to check for invalid or out-of-range values. The FY1999 OMF file contained a total of 76,528 records. There were no duplicate or inactive records on the file. A total of 11,320 Warrant officer records were eliminated from the OMF, resulting in a final record count of 65,208. The FY1999 SOMF file contained a total of 6,943 records and no duplicates were found. A total of 993 Warrant officer records were eliminated from the SOMF, resulting in a final count of 5,950 separation records.

The fiscal year VSI/SSB source file provides separation history for officer personnel who separated from the Army under incentive programs. The separation incentive program was established in January 1992. DMDC maintains the VSI/SSB data base throughout the year by updating existing records. ARI receives a fiscal year end file. The fiscal year of the data is determined by the Program Fiscal Year data element, which is derived from the Date of Offer or from the Expiration of Term of Service (ETS)/Separation Date. A record layout supplied by DMDC was used to locate the VSI/SSB data elements that were needed for the OLRDB. To avoid duplication of information, VSI/SSB data elements were not included in the OLRDB data sets if the data were present from the OMF or SOMF source files. Beginning 2000, DMDC no

longer provides the VSI/SSB source file due to the discontinuance of the separation incentive program in the Army.

The FY1999 VSI/SSB data file was received from DMDC in November 2000. The data records were checked against the previous FY1998 data file and no discrepancies were found. The relevant variables were extracted and added to the 1999 OLRDB. The FY1999 VSI/SSB (cumulative) data file contained a total of 11,955 records and 244 of them were matched to the 1999 OMF/SOMF extract. This incentive program is being phased out by the government and, consequently, very few new records are being added to the DMDC VSI/SSB file.

The original 1998 OLRDB update program was modified and executed to add master and separation data to the appropriate segments of the existing officer records and to add new officers to the longitudinal data set. As stated in the previous reports for OLRDB updates, the OLRDB was designed to provide consistent information on the history of each officer. Officer records were eliminated from the longitudinal data set if entry or separation dates were out of range in relation to the file year or gaps in officer history were discovered. The absence of an OMF or SOMF record in the year of entry into active duty was considered a gap in the officer history. An officer record with master data in a year segment without OMF or SOMF data present in the following year also indicated a gap. As described in previous reports, these edits consistently eliminated 1% to 2% of the records from inclusion on the OLRDB data sets. [Note: a discussion of the impact of the elimination of 1-2% of the records from inclusion in the OLRDB data sets can be found later in this report.]

The update program searches for the occurrence of an officer with an OMF and SOMF record appearing in the same year and updates the existing OLRDB record following the decision rules outlined below:

- If the OMF and SOMF had the same Entry on Active Duty in Current Tour (EADC) dates, then the information from the SOMF record was used;

- If the OMF record contained a later EADC date than the SOMF, then the data from the OMF record, and the Separation Program Designator (SPD) and the separation date fields from the SOMF record, were both used;

- If a later EADC date was present on the separation record, the separation data from the SOMF record was used.

The final step of the update program was to assign the appropriate values to the master, duty, and separation flags to indicate if an officer remained or separated from active duty for each year of MLF, OMF, and SOMF data in the longitudinal data set. The master and separation flags are indicators for the 1979 through 1999 OMF and SOMF data. The duty flags were created for the 1970 through 1978 MLF data, but also denote the presence or absence of OMF data for 1979 through 2000. The final 1999 updated OLRDB contained a total of 352,991 officers and a record length of 4,413 bytes. Please refer to Appendix A and Appendix B for the variable description and record layouts of the 1999 longitudinal data sets.

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The core sections of the 1999 OLRDB longitudinal data set were converted into a SAS system file with encrypted SSN. Although ARI no longer has a need for a SAS system file, the file was necessary for the processing of the OSETDB described in Task 2 below. The 1999 core data set contained a total of 204 data elements.

Task 1.2: 2000 OLRDB Updates

The FY2000 OMF file contained a total of 76,107 records. There were no duplicate or inactive records. A total of 11,318 Warrant officer records was eliminated from the OMF, resulting in a final record count of 64,789. The FY2000 SOMF file contained a total of 6,875 records and there were no duplicates. A total of 1,047 Warrant officer records was eliminated from the SOMF, resulting in a final count of 5,828 separation records.

As previously mentioned, VSI/SSB data were no longer available from DMDC after the FY1999 shipment. Consequently, the FY1999 file was used for the 2000 updates. Out of a total of 11,955 records from the FY1999 VSI/SSB, only 199 records were matched to the 2000 OLRDB data set.

The 1999 OLRDB update program was modified and executed to add master and separation data to the appropriate segments of the existing officer records and to add new officers to the 1999 longitudinal data set to create the 2000 data set. Again, the outputs generated from the 2000 updates were carefully compared with the 1999 outputs. No discrepancies were noted. The final 2000 updated OLRDB contained a total of 352,991 records with a record length of 3,949 bytes.

Up to this point, all processing and updating of the OLRDB were done using the National Institutes of Health (NIH) mainframe computers, using the computer programs developed by the previous contractor. The main goal was to maintain and verify the accuracy of the update procedures as previously performed to ensure a smooth transition. Every update procedure used in the past was followed, all necessary changes to the computer programs to accommodate the 1999-2000 updates were carefully made, and all computer-generated outputs were compared. After following these procedures, a discrepancy was found in preparing a table for the final report. The purpose of this table was to show the number of officers separated from active duty by year. According to the previous report, the number of officers separated was around 5,000. However, in year 1999 it dropped down to 3,153, and in year 2000 the number of officers separated was only 1,043.

After a thorough investigation it appeared that, since 1990 and probably even earlier, active records (as defined by having a new OMF record since the previous update) had been deleted from the OLRDB database when the current update program could not locate a master OMF or SOMF record. Over 10,000 of such records were deleted from the OLRDB database since the 1995/96 update cycles. It was discovered that the master or separation records of many cases did not show up on the OMF or SOMF file as provided by PERSCOM until the following fiscal year. Because the existing records had already been deleted from the OLRDB database during the previous update, the master or separation records were not able to post the current

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information, causing the OLRDB database to lose records that were supposed to have been maintained longitudinally.

Funding for retrieving these cases was provided and an extension for the contract was approved in September 2001. Please refer to Task 4 for details.

Task 2: Update the existing OSETDB longitudinal data set with the 1999-2000 source data

The 1990 core data set of the Officer Standardized Educational Testing Data Base (OSETDB) was developed to provide academic aptitude measures for the Army officer corps in the form of standardized test scores. Standardized test scores were added to a sample group of Commissioned Army officer personnel. This sample group consisted of officers commissioned between 1980 and 1990 from the Officer Longitudinal Research Data Base (OLRDB) core data set. Refer to the "Officer Standardized Educational Testing Data" (Ramsey & Fertig, 1992) report for a description of the development and content of the OSETDB core data set.

Due to the sensitive nature of the test score information supplied by the testing services, all personal identifying fields were removed from the OSETDB. Social security numbers and the encrypted social security numbers were removed to ensure the data could not be matched to any other data files. A unique identification number (IDNUM) was added to each record. IDNUM does not correspond to any other record identifier in the officer data sets or the test data source files.

The OSETDB core data set is updated by overwriting the existing Commissioned officer records with data from the OLRDB core data set. The sample group of Commissioned officers in the OSETDB remains constant; new officer records are not added nor are existing officers removed. The OLRDB core data set contains the final or most recent officer data obtained from the OMF and SOMF data sets in addition to separation incentive data from the VSI/SSB file. Because the original OSETDB record identifiers were removed, it was not possible to directly match to other data sources, such as the OMF, SOMF, and the VSI/SSB. Consequently, the encrypted social security number was linked temporarily onto the OSETDB in order to match to other source data. Upon completion of the processing, all record identifiers, except for IDNUM, were removed from the final OSETDB data set.

Task 2.1: 1999 OSETDB Updates

The processing of the OSETDB 1999 updates involved matching the 1999 OLRDB core data set to the OSETDB and extracting the OSETDB history assignment variables from the 1999 OMF and SOMF data files. The officer personnel records from the 1999 OLRDB core data set were merged with the 1998 OSETDB core data set to create the 1999 version of the OSETDB. The OLRDB officer records that matched to the records in the OSETDB data set replaced the existing information on the OSETDB.

In order to process this step, the 1998 OSETDB core data set was first created as a SAS file and then converted into a character file. The 1999 OSETDB character file was updated with the 1999 OMF/SOMF extracts to create the final 1999 OSETDB data set. The assignment history data elements were appended to the existing OSETDB records. As a result, the data elements repeat each year from 1979 through 1999. For cases where the OMF or SOMF data element was not available in every year from the source file, missing values were assigned. Of the 71,098 records from the 1999 OMF/SOMF, 30,280 were matched to the OSETDB.

Task 2.2: 2000 OSETDB Updates

The processing of the OSETDB 2000 updates was similar to the 1999 updates and involved matching the OLRDB core data set to the OSETDB and extracting the OSETDB history assignment variables from the 2000 OMF and SOMF data files. The officer personnel records from the 2000 OLRDB core data set were merged with the 1999 OSETDB core data set to create the 2000 version of the OSETDB. The 2000 OLRDB officer records that matched records in the OSETDB data set replaced the existing information on the OSETDB. The 2000 OSETDB character file was updated with the 2000 OMF/SOMF extracts to create the final 2000 OSETDB data set. The assignment history data elements were appended to the existing OSETDB records in a longitudinal format (i.e., generating separate values for each year). As a result, the data elements repeat each year from 1979 through 2000. For cases where the OMF or SOMF data element was not available in every year from the source file, missing values were assigned. Of the 70,617 records from the 2000 OMF/SOMF, 29,273 were matched to the OSETDB.

A total of 310,020 officers is included in both of the 1999 and 2000 OSETDB data sets. Because new officer records are not added nor are existing officers removed from the OSETDB as they were in the OLRDB, the problem discussed in the previous section regarding cases being deleted did not occur in the final OSETDB data sets. Please refer to Appendix C and Appendix D for data elements and record layout of the 1999 and 2000 OSETDB data sets.

Task 3: Convert and verify the update processing from NIH mainframe Programming Language I (PL/I) programs to personal computer (PC) based Statistical Analysis System (SAS) programs

Since the creation of the longitudinal OLRDB data sets in the 1980s, the computer processing was done at the NIH mainframe computers. Over time, ARI has switched the processing of most of its research data sets from NIH to PC-based processing except for the OLRDB and OSETDB. The two main reasons are: (a) the enormous size of the data sets (the 1979-1998 OLRDB was 1.5 gigabytes), and (b) the update programs were written in PL/I programs for mainframe use.

As part of the 1999-2000 OLRDB updates, an effort was undertaken to convert the PL/I update programs to SAS, a more widely used programming language, and to test-run those programs on a PC-based platform. The 1999 updates of the OLRDB consisted of executing a total of 37 computer programs. These programs were mainly PL/I programs for extracting and updating, IBM utility programs for sorting and merging, and SAS programs for listing cases and

producing frequency distributions. After a detailed system analysis of steps involved, five SAS programs were written:

1. To extract OMF variables for OLRDB, and to sort and drop inactive and duplicate records of warrant officers from the file. This program also produces frequency distributions of all variables for checking out-of-range and invalid values

2. To extract SOMF variables for OLRDB, sort and drop warrant officers and duplicate records from the file. This program also produces frequency distribution of all variables for checking out-of-range and invalid values.

3. To merge OMF and SOMF records into one file by Entry on Active Duty in Current Tour (EADC) and convert out-of-range and invalid values to missing for all variables.

4. To extract variables from the VSI/SSB data file, and to sort and add the variables to the merged OMF/SOMF file.

5. To update the OLRDB data set with the new OMF/SOMF/VSI records where appropriate, and also to ensure that no existing officer records will be deleted.

The 1999 update programs were used as prototypes for the conversion in exploring the feasibility of updating the OLRDB on PC. The NIH cartridge tapes that contained the 1999 OMF, 1999 SOMF, and the 1999 VSI/SSB data sets were sent to a conversion service for converting the data from cartridge tapes to CD-ROM for PC use.

After each SAS program was successfully executed, the computer outputs were compared with the ones that were generated at NIH. Furthermore, at the completion of the final OLRDB, a byte-by-byte comparison of a sample of 10,000 records from the 1999 OLRDB data set generated on PC and the version generated at NIH mainframe computer was also performed, and no discrepancies were found.

With the successful creation of the 1999 OLRDB on PC using the SAS programs converted from mainframe programs, ARI no longer needs to use the NIH mainframe for processing the OLRDB.

Task 4: Retrieve cases that were inappropriately deleted from the OLRDB database from 1995 through 1998

During the data verification of the final 2000 OLRDB data set, it was found that previous updates had deleted active records from the OLRDB for lack of matching master or separation records. Although this problem probably had been in existence since the creation of the first OLRDB, it was not feasible to go all the way back to re-create the OLRDB from scratch. A further analysis showed that over 10,000 records were deleted from 1995 to 2000. Table 1 shows the number of records removed from the OLRDB from 1995 to 2000. The number of deletions

increased dramatically from 1995 to 1999, suggesting that the problem was likely less severe in earlier years.

Table 1
Number of Officer Records Deleted from OLRDB by Year

Year	n	Year	n
1995	750	1998	2,999
1996	1,440	1999	5,201
1997	2,947	2000	236

Due to resource limitations and time constrains, the decision was to go back and re-create the final OLRDB from 1995-2000 and retrieve those deleted cases. Using the SAS programs developed for the 1999 updates, the recreation began with the 1995 OLRDB updates. At the completion of each update cycle, a byte-by-byte comparison of a sample of 10,000 records from the OLRDB data set generated on PC and the version generated at NIH mainframe computer was performed in order to ensure the accuracy of the updates. This also provided another opportunity to validate the programs developed for PC. During the re-creation of the OLRDB 1995 to 2000, the previous update procedures were followed, and there were no other changes introduced except to retrieve those cases that had been deleted. Consequently, additional work was introduced because in 1995, medical variables were added to the OLRDB and therefore an extra set of programs were developed to extract the medical variables from the 1979 to 1999 OMF and SOMF files. Furthermore, in the 1997-1998 updates, all the date fields were expanded to 4-byte format (CCYY), and more program lines had to be developed to accommodate this change. At the end, the re-creation of the OLRDB 1995-2000 took longer than anticipated.

The updated 2000 OLRDB contains a total of 370,318 officer records, an increase of 10,111 records from the previously updated 2000 OLRDB. For those records that were retrieved, an OMF flag was initially set to '2' to indicate that this was an inactive record. Many of these records eventually found a master or separation record in the following year after the updates.

Table 2 represents the number of officers on active duty and Table 3 shows the number that have separated from active duty on the 2000 core data set for the years 1979 through 2000. SAS frequency counts of the separation flags were used to identify the number of officers that separated from active duty. To calculate the number of officers that were on active duty, the frequency count of the separation flag was subtracted from the frequency count of the OMF flag for each year.

Table 2
Number of Officers on Active Duty by Year

Year	n	Year	n
1979	83,198	1990	86,958
1980	81,307	1991	86,362
1981	83,257	1992	78,685
1982	84,398	1993	72,449
1983	86,562	1994	69,735
1984	88,269	1995	67,268
1985	89,913	1996	65,305
1986	90,434	1997	63,754
1987	87,581	1998	60,645
1988	87,685	1999	57,598
1989	87,325	2000	62,030

Table 3
Number of Officers Separated from Active Duty by Year

Year	n	Year	n
1979	6,602	1990	8,610
1980	7,593	1991	21,377
1981	6,331	1992	3,351
1982	6,213	1993	11,407
1983	5,796	1994	8,322
1984	6,945	1995	6,761
1985	6,543	1996	5,776
1986	7,302	1997	5,101
1987	8,418	1998	5,531
1988	7,897	1999	5,563
1989	7,936	2000	5,380

Task 5: Extract selected OSETDB assignment history data elements and add them to the current OLRDB database

As part of the 1999-2000 updates, ARI requested that a subset of the OSETDB assignment history data elements be added to the final 2000 OLRDB. The following variables were initially considered for inclusion in the OLRDB:

CADT(YY)	Current Assignment Duty Title
CAFD(YY)	Current Assignment From Date
CAL (YY)	Current Assignment Location Code
CAUN (YY)	Current Assignment Unit Number
CMDSL1(YY)	Troop Command Tour (Colonel level)
CMDTR (YY)	Troop Command Tour (Lt. Colonel level)
COLCA1 (YY)	Troop Command Date Terminated Assignment
COLTA1 (YY)	Troop Command Date Commenced Assignment
CSBAD1 (YY)-	
CSBAD5 (YY)	Combat and Special Skill Badges
DEPOS (YY)	Year-Month Departed for Overseas Tour
DEROS (YY)	Date Eligible for Return from Overseas
FAST1 (YY) -	
FAST4 (YY)	Foreign Area Officer Program (Status Code and Country Specialized)
LTCCA (YY)	Troop Command Date Commenced Assignment
LTCTA (YY)	Troop Command Date Terminated Assignment
MILD1-MILD15	Military Decorations
MILDAT1-	
MILDAT15	Military Decoration Year (derived)
SKILL1 (YY) -	
SKILL6 (YY)	Skills

The variables were extracted from 1979 to 1999 OMF/SOMF file. For the 2000 OMF/SOMF, the update program was modified to include these variables so that these variables will be added for future OLRDB updates. Before adding these variables to the 2000 OLRDB records, however, it was necessary to re-calculate all the byte positions in order to incorporate these variables into the OLRDB by year. The addition of these variables from 1979 to 2000 would have added 2,882 bytes, increasing the record length of the 2000 OLRDB from 4,645 to 7,527 bytes. With over 370,000 records already in the database, the size of this file could potentially hinder future updates of the OLRDB on a PC platform. Based on the fact that certain key variables (COLCA1, COLTA1, LTCCA, LTCTA) were not available until 1986, it was decided that the assignment history data elements would only be added to years 1986 to 2000 and variables FAST1(YY) to FAST4(YY) would not be added because these variables had been discontinued after 1994.

The final 2000 OLRDB contains a total of 370,318 officer records. The file is 2.1 gigabytes in size with a record length of 5,669 bytes. Please refer to Appendix A and Appendix B for a description of all the data elements and record layouts for the 2000 OLRDB.

Task 5.1: Accessing the OLRDB and OSETDB data sets

Both the OLRDB and OSETDB final data sets are stored in raw data format with a fixed record length. Record layouts for each of the data sets are available to identify the location of all the variables on the files. Originally, the OLRDB and OSETDB were stored on multiple 3480-cartridge tapes at NIH. With this update, PC-based processing has allowed the final data sets to be written directly to CD-ROM, eliminating the need for converting the 3480-cartridge tapes produced at NIH to CD-ROM.

To facilitate the usefulness of the data sets, several years ago SAG Corporation developed a utility program to extract selected variables and create a work file for the end-user. This program, based on data dictionaries updated for the 1999 – 2000 data sets, allow users not only to select specific variables from each data set, but also to extract subsets of records based on certain condition(s), such as entry and separation dates. The utility program produces records that can be easily imported into a statistical analysis package, such as SPSS or SAS. The availability of the data dictionaries and the utility program has greatly enhanced the accessibility of the OLRDB and OSETDB data sets.

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APPENDIX A
Data Elements of OLRDB Core Data Set

DATA ELEMENTS OF OLRDB CORE DATA SET

NOTE: Unless otherwise noted the data elements are available in both the 1999 and 2000 OLRDB Core data sets. The century was added to all date fields beginning with the 1997 and 1998 Core data sets. Date fields were expanded only in the 1997 through 2000 annual sections of the OLRDB. In 2000, a subset of variables from the OSETDB Assignment History was also added to the Core data sets, beginning with 1986 (please refer to section titled Assignment History Data Elements).

Core Data Elements from VSI/SSB Source File:

Note: Only 1999 VSI/SSB data are available from DMDC for this update.

ACPTYY   Date of Acceptance of VSI or SSB (Year)
            2 Characters
            Year of acceptance of VSI or SSB by member. Valid
            values include 00 (not applicable) and 99 (unknown).
            (If Date of Acceptance was unknown, Record Type
            equaled 4 or 5, and Date of Action was known,
            then Date of Acceptance was set to Date of Action.)

            NOTE: Date of Acceptance is valid for fiscal year
            1992 and 1993 records.

ACPTMM   Date of Acceptance (Month)
            2 Characters
            Month of acceptance of VSI or SSB by member. Valid
            values include 00 (not applicable) and 99 (unknown).

ACPTDD   Date of Acceptance (Day)
            2 Characters
            Day of acceptance of VSI or SSB by member. Valid
            values include 00 (not applicable) and 99 (unknown).

DFASAMT   DFAS Payment Amount
            6 Numeric
            Defense Finance Accounting Service (DFAS) record VSI or
            SSB payment amount.

DFASFLG   DFAS Flag
            1 Character
            DFAS record indicator.

            Code Values:
            0   No matching DFAS record
            1   Matched DFAS record is VSI
            2   Matched DFAS record is SSB

DFASMON   DFAS Months of Service
           3 Numeric
           DFAS record VSI or SSB months of service.

JMPAMT   JUMPS Payment Amount
           6 Numeric
           JUMPS record VSI or SSB payment amount.

JMPFLG   JUMPS Flag
           1 Character
           Joint Uniform Military Pay System indicator.

           Code Values:
           0   No matched JUMPS record
           2   Matched or source JUMPS record VSI payment
                 amount > 0 and SPD = xCA (VSI)
           3   Matched or source JUMPS record SSB payment
                 amount > 0 and SPD = xCB (SSB)
           4   Matched or source JUMPS record VSI payment
                 amount > 0 and SPD = xCB (SSB)
           5   Matched or source JUMPS record SSB payment
                 amount > 0 and SPD = xCA (VSI)
           6   Matched or source JUMPS record VSI payment
                 amount > 0 and SPD not = xCA (VSI) or xCB (SSB)
           7   Matched or source JUMPS record SSB payment
                 amount > 0 and SPD not = xCA (VSI) or xCB (SSB)

JMPMON   JUMPS Months of Service
           3 Numeric
           JUMPS record VSI or SSB months of service.

LOSFLG   Loss Flag
           1 Character
           Indicates if DMDC located a Loss record in their
           source files for VSI/SSB member.

           Code Values:
           0   No matched Loss record
           1   Matched Loss record SPD not = xCA (VSI) or
                 xCB (SSB)
           2   Matched or source Loss record SPD = xCA (VSI)
           3   Matched or source Loss record SPD = xCB (SSB)

LOSSTAFM   Loss TAFMS
           3 Numeric
           Loss record Total Active Federal Military Service
           (TAFMS) months.

OFFRYY   Date of Offer of VSI/SSB (Year)
2 Characters
Year of offer of VSI or Special Separation Benefit
(SSB) to member. Valid values include 00 (not
applicable) and 99 (unknown). (If Date of Offer
was unknown, Record Type equaled 2, 3, 4, or 5,
and Date of Acceptance was known, then Date of
Offer was set to Date of Acceptance.)

OFFRMM   Date of Offer of VSI/SSB (Month)
2 Characters
Month of offer of VSI or Special Separation Benefit
(SSB) to member. Valid values include 00 (not
applicable) and 99 (unknown).

OFFRDD   Date of Offer of VSI/SSB (Day)
2 Characters
Day of offer of VSI or Special Separation Benefit
(SSB) to member. Valid values include 00 (not
applicable) and 99 (unknown).

PROGFY   Program Fiscal Year
2 Characters
This data element can be used to determine the
fiscal year of the VSI data. If Record Type equals
1, 2, 3, or 5, then this data element is calculated
from Date of Offer; else if Record Type is equal to
0 or 4, then it is calculated from ETS Date or Date
of Separation. Valid values include 00 (unknown).

PROTYP   Program Type of VSI/SSB
1 Character
Program type of VSI/SSB submission.

Code Values:
0   Unknown or not applicable
2   VSI
3   SSB

RECTYP   Record Type
1 Character
Record type of VSI/SSB data.

Code Values:
0   Member separated with Loss record SPD, JUMPS
     record SPD, or JUMPS record payment amount
     indicating receipt of VSI or SSB and there is
     no VSI/SSB Submission record
1   Member offered VSI/SSB

2   Member accepted VSI
3   Member accepted SSB
4   Member's application for VSI or SSB approved
5   Member's application for VSI or SSB denied

The following codes occur in the VSI/SSB Submission
files only:

6   Cancellation or correction of previous report
        of offer or acceptance of VSI or SSB
9   Member withdrew previous acceptance of VSI or SSB
A   Member changed to SSB after initially accepting
        VSI (recoded to 3 before processing)
B   Member changed to VSI after initially accepting
        SSB (recoded to 2 before processing)

REPFLG   Record Replacement Flag
            1 Character
            Indicates if DMDC replaced the VSI/SSB record in
            their source files.

            Code Values:
            0   Not applicable
            1   Record Type 0 record replaced by Record Type 0
                    record with later effective date
            2   Record Type 1 record replaced by Record Type 0
                    record with earlier effective date.
            3   Record Type 2 or 3 record replaced by Record
                    Type 0 record with earlier effective date.
            4   Record Type 4 or 5 record replaced by Record
                    Type 0 record with earlier effective date.
            5   Record Type 5 record replaced by Record Type 1
                    record with later effective date.

Core Data Elements from OMF/SOMF Source File:

BABR   Basic Branch for Commissioned Officers
               2 Characters
               The branch of service in which an officer is
               commissioned or to which he is subsequently transferred
               or appointed.

Code Values:

Code	Description
AD	Air Defense Artillery
AG	Adjutant General's Corps
AN	Army Nurse Corps
AR	Armor
AV	Aviation
CA	Civil Affairs/Military Government
CE	Communications-Electronics
CH	Chaplains
CM	Chemical Corps
DE	Dental Corps
EN	Corps of Engineers
FA	Field Artillery
FI	Finance Corps
GA	Administrative and Graphics
GC	Army General Staff
GO	General Officers
IG	Inspector General
II	Criminal/Intelligence Invest
IN	Infantry
JA	Judge Advocate General's Corps
MC	Medical Corps
MI	Military Intelligence Branch
MM	Mechanical Maintenance
MP	Military Police Corps
MS	Medical Service Corps
NG	National Guard Bureau
OD	Ordnance Corps
PR	Professor, US Military Academy
QM	Quartermaster Corps
SC	Signal Corps
SF	Special Forces
SP	Army Medical Specialist Corps
SS	Staff Specialist
SV	Supply and Services
TC	Transportation Corps
VC	Veterinary Corps
WC	Rescinded

BPED   Pay Entry Basic Date
               8 Characters
               The date used in computing an officer's pay by grade
               and years of service and adjusted for noncontinuous
               service as necessary. The date is stored as year,
               month, day (CCYYMMDD).

BRAOC1 Branch Area of Concentration #1
1 Character
The first recorded area of concentration which
corresponds to an officer's designated Branch Code (less
AMEDD officers). Refer to the derived data element
BRANCH1 for the code descriptions.

NOTE: This data element is available in the OMF from
1986 on and in the SOMF from 1987 on.

BRCD Branch Code (was Initial Specialty - INSPEC)
2 Characters
The initial designated specialty in which an officer
will be managed and developed under the Officer
Personnel Management System (OPMS). The additional
specialty is described under the label FACD.

NOTE: This data element contains the data labeled
"INSPEC" on the OMF from 1979 to 1986. It was renamed
to BRCD in anticipation of the 1987 OMF update.

Code Values:
11 Infantry
12 Armor
13 Field Artillery
14 Air Defense Artillery
15 Aviation
18 Special Operations
21 Corps of Engineers
23 Contract Construction Management Engineer
25 Signal Corps
27 Communication/Electronic Engineer
28 Training Development
31 Military Police Corps
35 Military Intelligence
36 Central Intelligence Humint
37 Electronic Warfare Crypt
38 Civil Affairs (Reserve Components Only)
40-41 Personnel Management
42 Adjutant General Corps
43 Club Management
44 Finance Corps
45 Comptroller
46 Public Affairs
47 USMA Permanent Professor
48 Foreign Area Officer
49 Operational Research/Systems Analysis
50 Force Development
51 Research and Development
52 Nuclear Weapons
53 Systems Automation Officer
54 Operations, Plans and Training
55 Legal

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56      Chaplain
60-62   Medical Corps
63      Dental Corps
64      Vet Corps
65      Medical Specialist Corps
66      Army Nurse Corps
67-68   Medical Service Corps
70      Logistics Management
71      Aviation Mat Management
72      Communications/Electronics Material
73      Missile Mat Management
74      Chemical Corps
75      Munitions Mat Management
76      Armament Mat Management
77      TNK/GRND Mat Management
81      Petroleum Management
82      SUBSIS Management
87      Marine and Terminal Operations
88      Transportation Management
91      Ordnance Corps
92      Quartermaster Corps
97      Procurement
99      Combat Developments
```

BYRGP   Basic Year Group
            4 Characters
            Represents the fiscal year in which the officer
            entered the service as a 2nd Lieutenant(2LT). The
            officer's basic year group will not change because
            of an above or below the zone promotion. The Basic
            Year Group is represented by the two right-most digits
            of the year.

            NOTE: This data element can be used as the date of
            commission for officers on the Core Data Set.

CELC   Civilian Education Level
            1 Character
            Indicates the highest level of school attended or
            completed.

            Code Values:
            9   Non-high school graduate
            8   High school graduate or General Education
                Development Test
            7   Less than 2 years college, non-graduate (includes
                nurse)
            6   2 or more years college, non-graduate (includes
                nurse), AA degree, AD degree, 2CX Test for
                1948-53, or 2 years college equivalency
            5   College graduate, baccalaureate degree from
                accredited college

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4	Year or more of post-graduate, no degree
3	Professional, for example, (M.D., D.D.S., L.L.B., C.E., S.T.B., B.TH., D.V.M., B.L.S., and O.D.)
2	Master's degree from accredited university
1	Doctoral degree from accredited university
A	Attending for Doctorate
B	Attending for Master's
C	Attending for Professional
D	Attending for Baccalaureate
E	Attending for Associate

NOTE: When the Master and Loss File officers were added to the OLRDB Core Data Set, some of the values for this data element could not be accommodated by the OMF data values so the following new data values were defined.

F	1 to 7 years of elementary school completed
G	8 years of elementary school completed
H	1 year of high school completed
I	2 years of high school completed
J	3 or 4 years of high school completed with no diploma and no G.E.D.
K	Master's degree received or other professional degrees beyond college other than a doctorate

COBO   Country or State of Birth, Officer
2 Characters
The state of the United States or the foreign country where the officer was born. Codes 01-56 are used to identify the State of birth. Geopolitical codes are used to identify the country of birth.

Code Values:
AC	Antigua
AF	Afghanistan
AG	Algeria
AK	Alaska
AL	Albania
AN	Andorra
AO	Angola
AQ	American Samoa
AR	Argentina
AS	Australia
AU	Austria
AV	Anguilla
AY	Antarctica
BA	Bahrain
BB	Barbados
BC	Botswana
BD	Bermuda
BE	Belgium
BF	Bahamas

BG	Bangladesh
BH	Belize
BL	Bolivia
BM	Burma
BP	Solomon Islands
BQ	Navassa Island
BR	Brazil
BT	Bhutan
BU	Bulgaria
BV	Bouvet Island
BX	Brunei
BY	Burundi
BZ	Germany, Berlin
CA	Canada
CB	Cambodia
CD	Chad
CE	Sri Lanka
CF	Congo
CG	Zaire
CH	China
CI	Chile
CJ	Cayman Islands
CK	Cocos (Keeling) Islands
CM	Cameroon
CN	Comoros
CO	Colombia
CQ	Northern Mariana Islands
CS	Costa Rica
CT	Central African Republic
CU	Cuba
CV	Cape Verde
CW	Cook Islands
CY	Cyprus
CZ	Czechoslovakia
DA	Denmark
DM	Benin
DO	Dominica
DR	Dominican Republic
EC	Ecuador
EG	Egypt
EI	Ireland
EK	Equatorial Guinea
EQ	Canton Islands
ES	El Salvador
ET	Ethiopia
EU	Europe
FA	Falkland Islands
FG	French Guiana
FI	Finland
FJ	Fiji
FO	Faeroe Islands
FP	French Polynesia
FR	France
FS	French Southern and Antarctic Lands

FT	French Territory Afars and Issas
GA	Gambia, The
GB	Gabon
GC	German Democratic Republic
GE	Germany, Federal Republic of
GH	Ghana
GI	Gibraltar
GJ	Grenada
GL	Greenland
GP	Guadeloupe
GQ	Guam
GR	Greece
GS	Gilbert Islands
GT	Guatemala
GU	Guam
GV	Guinea
GY	Guyana
GZ	Gaza Strip
HA	Haiti
HI	Hawaii
HK	Hong Kong
HM	Heard Island and McDonald Islands
HO	Honduras
HU	Hungary
IC	Iceland
ID	Indonesia
IN	India
IO	British Indian Ocean Territory
IQ	U. S., Pacific Islands
IR	Iran
IS	Israel
IT	Italy
IU	Israel-Syria Demilitarize Zone
IV	Ivory Coast
IW	Israel-Jordan Demilitarize Zone
IY	Iraq-Saudi Arabia Neutral Zone
IZ	Iraq
JA	Japan
JM	Jamaica
JO	Jordan
JQ	Johnston Atoll
JS	Svalbard
KE	Kenya
KN	Korea, Democratic Peoples Republic of
KS	Korea, Republic of
KT	Christmas Island
KU	Kuwait
LA	Laos
LE	Lebanon
LI	Liberia
LS	Liechtenstein
LT	Lesotho
LU	Luxembourg
LY	Libya

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MA    Madagascar
MB    Martinique
MC    Macao
MG    Mongolia
MH    Montserrat
MI    Malawi
ML    Mali
MN    Monaco
MO    Morocco
MP    Mauritius
MQ    Midway Islands
MR    Mauritania
MT    Malta
MU    Oman
MV    Maldives
MX    Mexico
MY    Malaysia
MZ    Mozambique
NA    Netherlands, Antilies
NC    New Caledonia
NE    Niue
NF    Norfolk Island
NG    Niger
NH    New Heberdes
NI    Nigeria
NL    Netherlands
NO    Norway
NP    Nepal
NQ    Trust Territory of the Pacific Islands
NR    Nauru
NS    Suriname
NU    Nicaragua
NZ    New Zealand
PA    Paraguay
PC    Pitcairn Islands
PE    Peru
PF    Paracel Islands
PG    Spratly Islands
PK    Pakistan
PL    Portugal
PM    Panama
PO    Poland
PP    Papua New Guinea
PQ    Canal Zone
PR    Puerto Rico
PU    Guinea-Bissau
QA    Qatar
RE    Reunion
RO    Romania
RP    Philippines
RQ    Puerto Rico
RW    Rwanda
SA    Saudi Arabia
SB    St. Pierre and Miquelon
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SC    St. Christopher and Nevis
SE    Seychelles
SF    South Africa
SG    Senegal
SH    St. Helena
SL    Sierra Leone
SM    San Marino
SN    Singapore
SO    Somalia
SP    Spain
ST    St. Lucia
SU    Sudan
SW    Sweden
SY    Syria
SZ    Switzerland
TC    United Arab Emirates
TD    Trinidad and Tobago
TE    Tromelin Islands
TH    Thailand
TK    Turks and Caicos Islands
TL    Tokelau Island
TN    Tonga
TO    Togo
TP    Sao Tome and Principe
TQ    Pacific Trust Territory
TS    Tunisia
TU    Turkey
TV    Tuvalu
TW    China/Taiwan
TZ    Tanzania
UG    Uganda
UK    United Kingdom
UR    Union of Soviet Socialist Republics
US    United States
UV    Upper Volta
UY    Uruguay
U4    Estonia
U8    Latvia
U9    Lithuania
VC    St. Vincent and the Grenadines
VE    Venezuela
VI    British Virgin Islands
VM    Vietnam
VQ    Virgin Islands
VT    Vatican City
WA    South West Africa
WF    Wallis and Futuna
WH    Western Sahara
WQ    Wake Island
WS    Western Somoa
WZ    Sealiland
XX    Not Applicable
YE    Yemen, Sanaa
YO    Yugoslavia
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YS	Yemen, Aden
YY	Unknown
ZA	Zambia
ZI	Zimbabwe
01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California
08	Colorado
09	Connecticut
10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana
19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
23	Maine
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi
29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina
38	North Dakota
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island
45	South Carolina
46	South Dakota
47	Tennessee
48	Texas
49	Utah
50	Vermont
51	Virginia
53	Washington
54	West Virginia

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55    Wisconsin
56    Wyoming
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COMPT   Service Component
1 Character
A basic subdivision of the military services primarily
indicating the type of obligation the individual is
fulfilling.

Code Values:
R   Regular Army (RA) - United States Army
V   Army Reserve (USAR)
G   National Guard of the United States (NGUS)
T   Army of the United States (AUS)
Z   Unknown

CPPN   Current Procurement Program Number
2 Character
An identification of the source from which commissioned
or appointed, or the reason for return to the active
army once separated or dropped from the rolls.
The code values for this data element can be obtained
from Army Regulation AR 601-110 and the OMF Users
Information Manual.

CURSA   Current Service Agreement
1 Character
The conditions under which an officer, voluntarily or
involuntarily, is retained on active duty. Not
applicable to Regular Army (RA) officers.

Code Values:
1   Voluntarily extended on active duty for a period
     not to exceed 8 years of Active Federal
     Commissioned Service, for an officer formerly
     having a Service Agreement code "7'.
2   Voluntarily extended on active duty until Regular
     Army integration, for an officer formerly having a
     Service Agreement code "1".
4   Active duty voluntarily extended for a
     probationary period (1 year) prior to action taken
     on final voluntary indefinite status, for an
     officer formerly having a code "7"
5   Short term extension (1-36 months) of initial tour
     of active duty for an officer formerly having a
     code "7"
6   Short term extension (1-36 months) of initial tour
     of active duty, for an officer formerly having a
     Service Agreement code "8"
7   Obligated volunteer officer serving an initial
     tour of active duty

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8	Involuntary Officer
9	Active duty voluntarily extended for an indefinite period, for an officer formerly having a code "4"
A	Retained-critical shortage/outstanding performance/operational necessity
B	Statutory Tour Officer
C	US Property and Fiscal Officer
D	Selective Service Officer
E	Retired and Recalled Officer
F	Retained as exception to age and service policy
G	National Guard Officer, Extended Active Duty: Identifies National Guard members serving on active duty for a period of 20 to 30 months in active Army positions
H	Officer voluntarily retained beyond scheduled release date (1-90 days) based on Hardship circumstance
J	Not extended on active duty, for an officer formerly having a Service Agreement Code 1
L	Retained beyond retirement eligibility of LTCs and COLs for 28 or 30 years of Active Federal Service respectively; if selected by boards against qualifications governing RA promotion
N	Not extended on active duty, for an officer formerly having a Service Agreement Code 7
P	Retained on the basis of selection for promotion to W3, W4, MAJ, LTC or COL
U	Retained beyond retirement eligibility date on the basis of being selected for retention for the first 3 year increment under LRADP (Managed tenure)
V	Retained beyond retirement eligibility date on the basis of being selected for retention for the second 3 year increment under LRADP (Managed tenure)
W	Retained beyond retirement eligibility date on the basis of being selected for retention for the 4 year and final increment under LRADP (Managed tenure)
X	Retained for other reasons

DOB   Date of Birth
        8 Characters
        The year, month and day (CCYYMMDD) an officer was born
        as verified by birth certificate or other acceptable
        document.

DTRA   Basic Date of RA/USAR/NGUS Appointment
8 Characters
The date reflects all creditable service for use in
determining eligibility for promotion.   The date is
stored as year, month and day (CCYYMMDD).

NOTE: This data element is supposed to be the
"official" date of commission from 1984 on.   However,
upon examination of the OMF records used to build the
Core Data Set, the date of Entry on Active Duty in
Current Tour (EADC) or the Basic Year Group (BYRGP) were
found to be more reliable.

EADC   Date of Entry on Active Duty in Current Tour
8 Characters
The year, month and day (CCYYMMDD) an officer is
commissioned and takes the oath, if component is
Regular Army; or the year, month and day the officer
enters active duty based on computation of travel IAW
the JTR, if component is other than Regular Army.

NOTE: This data element can be used as the date of
commission for officers on the Core Data Set.

ETHGP   Ethnic Group Designation
1 Character
Identifies segments of the population that possess
common characteristics and a cultural heritage
significantly different from that of the general
population.

Code Values:
6   Mexican-American
4   Puerto Rican
9   Cuban-American
1   Other Hispanic Descent
G   Chinese
J   Japanese
K   Korean
5   Filipino
3   Other Asian-American
2   US/Canadian Indian Tribes
8   Aleutian
7   Eskimo
X   Other
Z   Unknown
D   Indian; persons from India and their descendants
E   Melanesian
L   Polynesian
V   Vietnamese
W   Micronesian

S   Latin American; persons from Central and South
        America and their descendants
Q   Other Pacific Island Descent; persons from the
        Pacific Islands, other than Melanesian,
        Micronesian, or Polynesian

FAAOC1   Functional Area of Concentration
            1 Character
            The first recorded area of concentration which
            corresponds to an officer's designated Functional Branch
            (less AMEDD officers). Refer to the derived data element
            FUNCTNL1 for the code descriptions.

            NOTE: This data element is available in the OMF from
            1986 on and in the SOMF from 1987 on.

FACD   Functional Area Code (was Additional Specialty -
            ADSPEC)
            2 Characters
            The additional designated specialty in which an officer
            will be managed and developed under the Officer
            Personnel Management System (OPMS). The initial
            specialty is described under the label BRCD. The code
            values listed under BRCD also apply to this data
            element.

            NOTE: This data element contains the data labeled
            "ADSPEC" on the OMF from 1979 to 1986. It was renamed
            to FACD in anticipation of the renaming projected for
            the 1987 OMF update.

MARST   Marital Status
            1 Character
            The legal status of an individual as it relates to
            marriage.

            Code Values:
            A   Annulled
            D   Divorced
            I   Interlocutory
            J   Married to Service Member
            L   Legally Separated
            M   Married
            S   Single
            W   Widowed

            NOTE: To incorporate data values found on MLF-based
            records for which no exact match could be found on the
            OMF, the following data values were added:
            0   Unknown
            1   Any Unmarried Category (single, divorced, etc.)

MEL   Military Education Level
            1 Character
            Indicates the highest Military Schooling Credit
            (attended, non-resident or constructive) attained
            during the officer's current status only (i.e., as a
            commissioned officer). Also included are commissioned
            officers selected to attend Senior Service Schools.

            Code Values:
            1   Senior Service College Graduate (includes Foreign
                 SSC, Army War College Corresponding Studies, SSC
                 Selectee for the next class and Constructive
                 Credit Awards)
            2   Senior Service College Resident Selectee - but
                 Deferred (Foreign and US)
            3   Army War College Corresponding Studies - Selectee
            4   Staff College Level Graduate (includes Selectee
                 for the next class, Resident, Non-resident,
                 Constructive
                 Credit, and Foreign Schools)
            5   Staff College Level Selectee - but Deferred
                 Graduate
            6   Branch Advanced Course Graduate (Resident or
                 Non-Resident)
            7   Branch Basic Course Graduate (Resident or
                 Non-Resident)
            8   Specialist Course Graduate (Resident or
                 Non-Resident)
            L   Combined Arms and Service Staff School (CAS3)
                 Phase I-Enrollee
            M   Combined Arms and Service Staff School (CAS3)
                 Phase I-Completed
            N   Combined Arms and Service Staff School (CAS3)
                 Phase I-Graduate
            A   Warrant Officer Senior Course
                 (attended/constructive credit)
            B   Warrant Officer Advanced Course
                 (attended/constructive credit)
            C   Warrant Officer Entry Course
                 (attended/constructive credit)
            D   Warrant Officer functional or Skill Refinement
                 Course (attended/constructive credit)
            F   Warrant Officer Senior Course (deferred)

G	Warrant Officer Senior Course (Non-Resident Enrollee)	
H	Warrant Officer Advanced Course (Non-Resident Enrollee)	
S	C&GSC (Non-Resident Enrollee	
T	Advanced Course Non-Resident Enrollee	
Y	None	

NODA
Number of Adult Dependents
2 Numeric
The number of persons, 21 years of age or older, who are authorized dependents of the sponsor.

Code Values:
0   No adult dependents
1-99 Number of adult dependents

ORAPT
Type of Original Appointment
1 Character
The Service Component in which a commissioned officer received his original appointment.

Code Values:
R   Regular Army
V   US Army Reserve
G   National Guard of the US
T   Army of the US

PHDT1
Date of Temporary Grade - 2nd Lieutenant
8 Characters
The year, month and day (CCYYMMDD) of rank for the temporary grade of 2nd Lieutenant.

PHDT2
Date of Temporary Grade - 1st Lieutenant
8 Characters
The year, month and day (CCYYMMDD) of rank for the temporary grade of 1st Lieutenant.

PHDT3
Date of Temporary Grade - Captain
8 Characters
The year, month and day (CCYYMMDD) of rank for the temporary grade of Captain.

PHDT4
Date of Temporary Grade - Major
8 Characters
The year, month and day (CCYYMMDD) of rank for the temporary grade of Major.

PHDT5   Date of Temporary Grade - Lieutenant Colonel
             8 Characters
             The year, month and day (CCYYMMDD) of rank for the
             temporary grade of Lieutenant Colonel.

PHDT6   Date of Temporary Grade - Colonel
             8 Characters
             The year, month and day (CCYYMMDD) of rank for the
             temporary grade of Colonel.

PHDT7   Date of Temporary Grade - Brigadier General
             8 Characters
             The year, month and day (CCYYMMDD) of rank for the
             temporary grade of Brigadier General.

PHDT8   Date of Temporary Grade - Major General
             8 Characters
             The year, month and day (CCYYMMDD) of rank for the
             temporary grade of Major General.

PHDT9   Date of Temporary Grade - Lieutenant General
             8 Characters
             The year, month and day (CCYYMMDD) of rank for the
             temporary grade of Lieutenant General.

PHDT10   Date of Temporary Grade - General
             8 Characters
             The year, month and day (CCYYMMDD) of rank for the
             temporary grade of General.

PPPN   Previous Procurement Program Number
             2 Character
             The original Procurement Program Number of officers
             who have been integrated into the Regular Army from
             another component while on active duty. The code
             values for this data element can be obtained from Army
             Regulation AR 601-110 and the OMF Users Information
             Manual.

RCEAS1   Academic Specialty Code - Level 1
             3 Characters
             The code describing the academic specialty associated
             with the highest degree received by an officer. The
             code values can be found in Appendix A of the OMF
             Information Manual.

RCEAS2   Academic Specialty Code - Level 2
                 3 Characters
                 The code describing the academic specialty associated
                 with the second highest degree received by an officer,
                 if two were received. The code values can be found in
                 Appendix A of the OMF Users Information Manual.

RCEAS3   Academic Specialty Code - Level 3
                 3 Characters
                 The code describing the academic specialty associated
                 with the third highest degree received by an officer,
                 if three were received. The code values can be found
                 in Appendix A of the OMF Users Information Manual.

REDCAT   Racial/Ethnic Descent Category
                 1 Character
                 Describes the standard classifications based on the
                 combination of race and ethnic codes.

                 Code Values:
                 T   American Indian or Alaskan Native
                 A   Asian or Pacific Islander
                 C   White, Not Hispanic
                 H   Hispanic
                 N   Black, Not Hispanic
                 X   Other/Unknown

SEPDT   Separation Date
                 8 Characters
                 The year, month and day (CCYYMMDD) on which an officer
                 was separated from active duty.

                 NOTE: This data element is blank unless the officer has
                 separated. In cases where an officer has multiple
                 separations in the span of years stored on the OLRDB
                 data sets, this data element contains the date of the
                 last separation in the SAS Core Data Set.   However, up
                 to 5 separations are recorded on the Longitudinal Data
                 Set.

SEX   Sex
                 1 Character
                 The gender of the officer.

                 Code Values:
                 M   Male
                 F   Female
                 Z   Unknown

SOC Source of Original Appointment
1 Character
The organization from which a commissioned officer
received his original appointment.

Code Values:
A US Military Academy Graduate
B US Naval Academy Graduate
C US Air Force Academy Graduate
D US Coast Guard Academy Graduate
E US Merchant Marine Academy Graduate
F Air National Guard Academy of Military Sciences
G ROTC/Naval ROTC (Scholarship)
H ROTC/Naval ROTC (Non-Scholarship)
J OCS, AOCS, OTS
K Aviation Cadet

NOTE: When the Master and Loss File officers were added
to the OLRDB core data, some of the values for this data
element could not be accommodated by the Officer Master
File (OMF) data values so new data values were defined.

L National Guard State Officers Candidate School
M Direct Appointment, Professional
N Direct Appointment, All Others
P Aviation Training Program exclusive of OCS, AOCS,
  OTS, PLC
Q OCS-Distinguished Military Graduate
R ROTC-Distinguished Military Graduate
S Reserve Officer Training Corps
T Direct Appointment
U National Guard of the United States
X Other
4 OCS or OTS: Direct Procurement
5 OCS or OTS: In-Service Procurement
6 OCS or OTS: Either Direct or In-Service
  Procurement (cannot differentiate)
9 . Aviation Training Program exclusive of OCS or OTS

SPD Separation Program Designation
3 Characters
The reason an officer separated from active duty. The
code values for this data element can be obtained from
Army Regulation 635-5-1, <u>Separation Program Designators</u>
(Department of the Army Headquarters).

NOTE: This data element is blank unless the officer has
separated. In cases where an officer has multiple
separations in the span of years stored on the OLRDB,
this data element contains the separation program
designation for the last separation in the SAS Core Data
Set. However, up to 5 separations are recorded on the
Longitudinal Data Set.

TDOR   Date of Rank, Temporary Grade
            8 Characters
            The year, month, and day (CCYYMMDD) that an officer was
            promoted to his current temporary grade. Establishes
            the relative seniority of individuals within the same
            grade, primarily for use in promotion actions.

            NOTE: This data element is the date on which the rank
            for the officer (TGRA) was achieved. It is not
            reflected in the promotion history data element.

TGPGC   Temporary Grade/Promotable Grade Code
            1 Character
            The grade code of an officer who is in a promotable
            status.

            Code Values:
            A   Promotable grade code for G A, GEN, LTG, M G,
                     and B G
            B   Promotable grade code for COL
            C   Promotable grade code for LTC
            D   Promotable grade code for MAJ
            E   Promotable grade code for CPT
            F   Promotable grade code for 1LT
            G   Promotable grade code for 2LT
            U   Promotable grade code for CW4
            V   Promotable grade code for CW3
            W   Promotable grade code for CW2
            X   Promotable grade code for WO1

TGRA   Temporary Grade
            6 Characters
            A field containing the standard grade abbreviation of
            the temporary grade held by an officer. This data
            element is the last or current rank for the officer.
            The date on which this rank was achieved is stored in
            the data element TDOR. It is not reflected in the
            promotion history data elements.

            Code Values:
            G A   General of the Army
            GEN   General
            LTG   Lieutenant General
            M G   Major General
            B G   Brigadier General
            COL   Colonel
            LTC   Lieutenant Colonel
            MAJ   Major
            CPT   Captain
            1LT   First Lieutenant
            2LT   Second Lieutenant
            UNK   Unknown

NOTE: When the Master and Loss File officers were added to the OLRDB Core Data Set, some of the values for this data element could not be accommodated by the Officer Master File (OMF) values, therefore, these data values were defined as unknown.

UUIC   Parent Unit Designator and Descriptive Designator
           5 Characters
           Represents the U.S. Army Reserve or National Guard unit which was called up for Active Duty during mobilization. Used to identify officers who entered active duty when their particular Reserve or National Guard units were activated under emergency mobilization. See AR 18-50-11 for code values.

           NOTE: This data element is available in the OMF and the SOMF from 1990 on.

<u>Assignment History Data Elements:</u>

In the 1999-2000 OLRDB updates, a subset of the OSETDB Assignment History data elements are extracted and added to the OLRDB CORE data sets. Data are available from 1986 through 2000 unless otherwise indicated [Note: YY=86-00].

CADT(YY)   Current Assignment Duty Title
                24 Characters
                An alpha and numeric description of the duty which
                The officer is performing (abbreviated as required).

CAFD(YY)   Current Assignment From Date
                6 Characters (yymmdd) 1986-1997
                8 Characters (ccyymmdd) 1998-2000
                A description of the officer's current assignment
                from date. The from date will represent Date
                of Entry on Active Duty in Current Tour, Reporting
                Date or the effective date of change for a unit
                Re-designation, correction, or change in duty
                title, as applicable.

CAL(YY)   Current Assignment Location Code
                3 Characters
                A code indicating the Army area and state or
                foreign country where an officer's unit is located.
                The first position contains the Army location
                number 1, 3, 5-7, the last two positions contain
                the alphabetic state abbreviation, or all 3
                positions contain a foreign country abbreviation.
                NOTE: CAL(YY) is available from 1986-1997.
                See CYLU(YY) for 1998-2000.

CAUN(YY)   Current Assignment Unit Number
                4 Characters
                Used in conjunction with Unit Designation to
                identify the individual's unit of assignment. The
                codes are established by Deputy Chief of Military
                Operations.

CMDSL1(YY)   Troop Command Tour
       3 Characters
       Contains troop command assignment data for Colonel
       level.
       NOTE: CMDSL1(YY) is available from 1986-1997.
       See CMDSL5(YY) for 1998-2000.

       Code Values:
   01 Principal Command Designee Deferred Colonel Level
       01A Combat Arms
       01B Combat Support Arms
       01C Logistics Troop Command
       01D Combat Service Support
       01E Project Manager
       01F District Engineer
       01G Aviation Command
       01H Joint Proponent Command

   02 Commanded a HQDA Command Designated Unit at the
       Colonel Level
       02A Combat Arms (TOE)
       02B Combat Support Arms (TOE)
       02C Combat Service Support (TOE)
       02D Combat Service Support (TDA)
       02E District Engineer (TDA)
       02F Aviation Command (TOE)
       02G Aviation Command (TDA)
       02J Joint Command (TDA)
       02K Combat Arms (TDA)
       02L Combat Support Arms (TDA)
       02P Project Manager
       02T Training Command (TDA)

   03 Principal Designee Colonel Level (Temporary Entry)
       03A Combat Army (TOE)
       03B Combat Support Arms (TOE)
       03C Combat Service Support (TOE)
       03D Combat Service Support (TDA)
       03E District Engineer (TDA)
       03F Aviation Command (TOE)
       03G Aviation Command (TDA)
       03J Joint Command (TDA)
       03K Combat Arms (TDA)
       03L Combat Support Arms (TDA)
       03P Project Manager
       03T Training Command (TDA)

   04 Alternate Designee Colonel Level (Temporary Entry)
       04A Combat Arms
       04B Combat Support Arms
       04C Combat Service Support
       04P Project Manager

   05 Declined Command Colonel Level

05A Combat Arms (TOE)
05B Combat Support Arms (TOE)
05C Combat Service Support (TOE)
05D Combat Service Support (TDA)
05E District Engineer (TDA)
05F Aviation Command (TOE)
05G Aviation Command (TDA)
05J Joint Command (TDA)
05K Combat Arms (TDA)
05L Combat Support Arms (TDA)
05P Project Management
05T Training Command (TDA)

06   Commanded at the LTC Level Prior to Implementation
      of HQDA Centralized Command Selection
      06A Combat Arms Troop Command (TOE)
      06B FAO (Special Forces, Psyop, Civil Affairs)
           (TOE)
      06C Aviation Command (TOE)
      06D Training Battalion Command (TOE)
      06E Combat Support Arms Troop Command (TOE)
      06F Combat Support Arms Management Command (TOE)

      06G Combat Service Support Arms Troop Command
      (TOE)
      06H Combat Service Support Arms Management
           Command(TOE)

07   Commanded a HQDA Command Designated Unit at the
      LTC Level (TOE)
      07A Combat Arms Troop Command (TOE)
      07B FAO (Special Forces, Psyop, Civil Affairs)
           (TOE)
      07C Aviation Command (TOE)
      07D Training Battalion Command (TOE)
      07E Combat Support Arms Troop Command (TOE)
      07F Combat Support Arms Management Command (TOE)
      07G Combat Service Support Arms Troop Command
      (TOE)
      07H Combat Service Support Arms Management Command
           (TOE)

08   Commanding HQDA Command Designated Unit at the LTC
      Level (TOE)
      08A Combat Arms Troop Command (TOE)
      08B FAO (Special Forces, Psyop, Civil Affairs)
           (TOE)
      08C Aviation Command (TOE)
      08D Training Battalion Command (TOE)
      08E Combat Support Arms Troop Command (TOE)
      08F Combat Support Arms Management Command (TOE)
      08G Combat Service Support Arms Troop Command
           (TOE)

08H Combat Service Support Arms Management
Command (TOE)

09   Principal Command Designee LTC Level (TOE)
      09A Combat Arms Troop Command (TOE)
      09B FAO (Special Forces, Psyop, Civil Affairs)
           (TOE)
      09C Aviation Command (TOE)
      09D Training Battalion Command (TOE)
      09E Combat Support Arms Troop Command (TOE)
      09F Combat Support Arms Management Command (TOE)
      09G Combat Service Support Arms Troop Command
           (TOE)
      09H Combat Service Support Arms Management Command
      (TOE)

11   Ineligible for Command Consideration
      11A Retirement
      11B Separation
      11C OBV
      11D PR (USMA)
      11E Other
      11F Declined Consideration
      11G Declined Command (LTC)
      11H Relieved
      11K PAP (USMA)
      11O Former PM
      11P Declined Product Manager

12   Commanding HQDA Command Designated Unit at the
      Colonel Level
      12A Combat Arms (TOE)
      12B Combat Support Arms (TOE)
      12C Combat Service Support (TOE)
      12D Combat Service Support (TDA)
      12E District Engineer (TDA)
      12F Aviation Command (TOE)
      12G Aviation Command (TDA)
      12J Joint Command (TDA)
      12K Combat Arms (TDA)
      12L Combat Support Arms (TDA)
      12P Project Manager
      12T Training Command (TDA)

      13A Company Level Command for Company Grade
           Officers

14   Principal Command Designee Deferred LTC Level
      14A Combat Arms Troop Command
      14B FAO (Special Forces, Psyop, Civil Affairs)
      14C Aviation Command
      14D Training Battalion Command
      14E Combat Support Arms Troop Command
      14F Combat Support Arms Management Command

14G Combat Service Support Arms Troop Command
           14H Combat Service Support Arms Management Command
           14P Deferred Product Manager - HQDA Centralized
                Selection

    26   Commanded at the LTC Level Prior to Implementation
         of HQDA Centralized Command Selection (TDA)
           26A Combat Arms Troop Command (TDA)
           26B FAO (Special Forces, Psyop, Civil Affairs)
                (TDA)
           26C Aviation Command (TDA)
           26D Training Battalion Command (TDA)
           26E Combat Support Arms Troop Command (TDA)
           26F Combat Support Arms Management Command (TDA)
           26G Combat Service Support Arms Troop Command
         (TDA)
           26H Combat Service Support Arms Management Command
         (TDA)
           26P Product Manager (PM) Prior to HQDA Centralized
                Command Selection

    27   Commanded a HQDA Command Designated Unit at
         the LTC Level (TDA)
           27A Combat Arms Troop Command (TDA)
           27B FAO (Special Forces, Psyop, Civil Affairs)
                (TDA)
           27C Aviation Command (TDA)
           27D Training Battalion Command (TDA)
           27E Combat Support Arms Troop Command (TDA)
           27F Combat Support Arms Management Command (TDA)
           27G Combat Service Support Arms Troop Command
                (TDA)
           27H Combat Service Support Arms Management Command
                (TDA)
           27P Former Product Manager - HQDA Centralized
                Selection (TDA)

    28   Commanding HQDA Command Designated Unit at the LTC
         Level (TDA)
           28A Combat Arms Troop Command (TDA)
           28B FAO (Special Forces, Psyop, Civil Affairs)
                (TDA)
           28C Aviation Command (TDA)
           28D Training Battalion Command (TDA)
           28E Combat Support Arms Troop Command (TDA)
           28F Combat Support Arms Management Command (TDA)
           28G Combat Service Support Arms Troop Command
                (TDA)
           28H Combat Service Support Arms Management Command
         (TDA)
           28P Serving Product Manager - HQDA Centralized
                Selection (TDA)

29   Principal Command Designee LTC Level (TDA)
      29A   Combat Arms Troop Command (TDA)
      29B   FAO (Special Forces, Psyop, Civil Affairs)
            (TDA)
      29C   Aviation Command (TDA)
      29D   Training Battalion Command (TDA)
      29E   Combat Support Arms Troop Command (TDA)
      29F   Combat Support Arms Management Command (TDA)
      29G   Combat Service Support Arms Troop Command
            (TDA)
      29H   Combat Service Support Arms Management Command
            (TDA)
      29P   Designee Product Manager - HQDA Centralized
            Selection (TDA)

CMDSL5(YY)   Troop Command Tour
                    5 Characters
                    Contains troop command assignment data for Colonel
                    level.
                    NOTE: CMDSL5(YY) is available from 1998-2000.
                    See CMDSL1(YY) for 1986-1997.

CMDTR(YY)   Troop Command Tour
                    3 Characters
                    Contains troop command assignment data for Lt.
                    Colonel level.
                    NOTE: CMDTR(YY) is available from 1986-1997.
                    See CMDTR5(YY) for 1998-2000.

                    Code Values:
                    Refer to data element CDMSL1(YY) for the 1986-1997
                    code values.

CMDTR5(YY)   Troop Command Tour
                    5 Characters
                    Contains troop command assignment data for Lt.
                    Colonel level.
                    NOTE: CMDTR5(YY) is available from 1998-2000.
                    See CMDTR(YY) for 1986-1997.

COLCA1(YY)   Troop Command Date Terminated Assignment
                    6 Characters (yymmdd) 1986-1997
                    8 Characters (ccyymmdd) 1998-2000
                    The date an individual completed serving in a
                    Colonel level command position.

COLTA1(YY)   Troop Command Date Commenced Assignment
                    6 Characters (yymmdd) 1986-1997
                    8 Characters (ccyymmdd) 1998-2000

The date an individual began serving in a
Colonel level command position.

CSBAD1(YY) -   Combat and Special Skill Badges
CSBAD5(YY)   2 Characters
                 A recognition to denote proficiency in performance
                 of duties under hazardous conditions and
                 circumstances of extraordinary hardship as well as
                 special qualifications and successful completion
                 of prescribed courses of training.

                 Code Values:
                 CI   Combat Infantryman Badge
                 EI   Expert Infantryman Badge
                 CM   Combat Medical Badge
                 EM   Expert Field Medical Badge
                 MP   Master Parachutist Badge (Group 1)
                 SP   Senior Parachutist Badge (Group 1)
                 PC   Parachutist Badge (Group 1)
                 MA   Master Army Aviator (Group 2)
                 SA   Senior Army Aviator (Group 2)
                 AV   Army Aviator (Group 2)
                 FN   Naval Flight Officer Insignia
                 MS   Master Flight Surgeon (Group 3)
                 SS   Senior Flight Surgeon (Group 3)
                 FS   Flight Surgeon (Group 3)
                 MD   Master Diver (Group 4)
                 FC   First-Class Diver (Group 4)
                 SL   Salvage Diver (Group 4)
                 SC   Second-Class Diver (Group 4)
                 SD   Scuba Diver (Group 4)
                 ND   Naval Diving Officer Insignia (Group 4)
                 ME   Master Explosive Ordnance Disposal (Group 5)
                 SE   Senior Explosive Ordnance Disposal (Group 5)
                 ED   Explosive Ordnance Disposal (Group 5)
                 GB   Glider Badge
                 PF   Pathfinder Badge
                 AA   Air Assault Badge
                 MC   Master Aircraft Crewman (Group 6)
                 SB   Senior Aircraft Crewman (Group 6)
                 AC   Aircraft Crewman (Group 6)
                 NA   U.S. Navy Aircrew Insignia (Group 6)
                 NC   Nuclear Reactor, Reactor Commander (Group 7)
                 NP   Nuclear Reactor, Plant Supervisor (Group 7)
                 SN   Nuclear Reactor, Shift Supervisor (Group 7)
                 NF   Nuclear Reactor, First Class (Group 7)
                 NS   Nuclear Reactor, Second Class (Group 7)
                 NB   Nuclear Reactor, Basic (Group 7)
                 AM   Air Force Missile Badge
                 RT   Ranger Tab
                 SF   Special Forces Tab
                 DM   Driver and Mechanic Badge
                 IS   U.S. Distinguished International Shooter Badge

DR	Distinguished Rifleman Badge
PS	Distinguished Pistol Shot Badge
ER	Excellence in Competition Badge, Rifleman
EP	Excellence in Competition Badge, Pistol
PH	President's Hundred Tab
FA	Air Force Flight Nurse Badge
FB	Air Force Navigator/Observer Badge
FD	Air Force Master Space Badge
FE	Air Force Senior Space Badge
FF	Air Force Basic Space Badge
FG	USAF Security Police Qualification Badge, Basic
FH	USAF Air Weapons Controller Badge
FI	USAF Air Traffic Controller Badge, Master
FJ	USAF Air Traffic Controller Badge, Senior
FK	USAF Air Traffic Controller Badge, Basic
FL	Air Force Senior Dental Badge
FM	USAF Security Police Qualification Badge, Senior
FP	Air Force Pilot Badge, Basic
FR	USAF Security Police Qualification Badge, Master
NI	U.S. Navy Submarine Insignia
NM	U.S. Navy Diving (Medical) Insignia
NW	Naval Special Warfare Insignia
PI	U.S. Navy Parachute Insignia
PR	Parachute Rigger Badge
DP	U.S. Navy Nuclear Missile Submarine Deterrent Patrol Insignia

CYLU(YY)

Current Assignment Location Code
30 Characters
The Army area and state or foreign country where
an officer's unit is located.
NOTE: CYLU(YY) is available from 1998-2000.
See CAL(YY) for 1986-1997.

DEPOS(YY)

Year-Month Departed for Overseas Tour
4 Characters (yymm) 1986-1997
6 Characters (ccyymm) 1998-2000
The year and month an officer departed from a
port in the continental U.S. (CONUS) to overseas
for a new assignment.

DEROS(YY)

Date Eligible for Return from Overseas
6 Characters (yymmdd) 1986-1997
8 Characters (ccyymmdd) 1998-2000
The date the individual will become eligible
to return to continental U.S. (CONUS) or
non-CONUS area of residence from overseas service.

LTCCA(YY)   Troop Command Date Commenced Assignment
                   6 Characters (yymmdd) 1986-1997
                   8 Characters (ccyymmdd) 1998-2000
                   The date an individual began serving in a Lt.
                   Colonel level command position.

LTCTA(YY)   Troop Command Date Terminated Assignment
                   6 Characters (yymmdd) 1986-1997
                   8 Characters (ccyymmdd) 1998-2000
                   The date an individual completed serving in a
                   Lt. Colonel level command position.

MILD1 -   Military Decorations
MILD15   2 Characters
                   A medal, badge, or device, to be worn on the
                   military uniform, awarded to a service member
                   by a U.S. Armed Force for specific act or acts
                   of gallant or meritorious service.
                   NOTE: MILD1-MILD15 only appear once in the Core
                   segment and do not repeat for the 1986-2000 year
                   segments because the data are cumulative over time.

                   Code Values:
                   MH   Medal of Honor
                   DX   Distinguished Service Cross
                   DS   Defense Distinguished Service Medal
                   NX   Navy Cross
                   FC   Air Force Cross
                   DM   Distinguished Service Medal
                   SS   Silver Star
                   SU   Defense Superior Service Medal
                   LM   Legion of Merit
                   DF   Distinguished Flying Cross
                   MS   Soldier's Medal
                   CG   Coast Guard Medal
                   NM   Navy and Marine Corps Medal
                   AM   Airman's Medal
                   BS   Bronze Star Medal
                   BV   Bronze Star Medal with Combat Distinguishing
                         Device "V"
                   PH   Purple Heart
                   MR   Defense Meritorious Service Medal
                   MM   Meritorious Service Medal
                   AS   Air Medal
                   AD   Air Medal with Combat Distinguishing Device
                         "V"
                   JS   Joint Service Commendation Medal
                   JV   Joint Service Commendation Medal with Combat
                         Distinguishing Device "V"
                   CA   Army Commendation Medal

AV	Army Commendation Medal with Combat Distinguishing Device "V"
JA	Joint Service Achievement Medal
CN	Navy Commendation Medal
NV	Navy Commendation Medal with Combat Distinguishing Device "V"
MA	Army Achievement Medal
NA	Navy Achievement Medal
CF	Air Force Commendation Medal
CC	Coast Guard Commendation Medal
AC	Air Force Achievement Medal
CM	Coast Guard Achievement Medal
CR	Combat Action Ribbon

MILDAT1 -
MILDAT15

Military Decoration Year (derived)
4 Characters (ccyy)
The year a military decoration was awarded. This data element was derived by assigning the year of the OMF or SOMF file in which the military decoration first appeared.
NOTE: MILDAT1-MILDAT15 only appear once in the Core segment and do not repeat for the 1986-2000 year segments because the data are cumulative over time.

SKILL1(YY) -
SKILL6(YY)

Skills
2 Characters
Identifies specialized skills possessed by the officer which may be related to more than one branch or functional area. Refer to AR 611-101 for code values.

Derived Data Elements of OLRDB Core Data Set

DEPS   Number of Dependents
            2 Numeric
            Derived by adding together the Number of Adult
            Dependents (NODA) and the Number of Dependent Children
            (NOADC) fields on the OMF. This data element already
            existed on records extracted from the MLF.

            Code Values:
            0   No Dependents
            1-99 Total Number of Dependents

OMFLAG79   Record Present on 1979 OMF
            1 Character
            This data element indicates the presence (Y) or absence
            (N) of a record on the 1979 Officer Master File for an
            officer. The record can be a master record or a
            separation record.

OMFLAG80-   The definition of OMFLAG79 applies to these
OMFLAG00   data elements for the years 1980 - 2000.
            In addition, a code of inactive (2) is added in 1995-
            2000 to indicate an absence of a master record or a
            separation record where it was expected.

DUTYFL70   Active Duty Derived for 1970
            1 Character
            This data element indicates the presence (Y) or absence
            (N) of an officer on Active Duty in 1970 as specified
            by the Entry on Active Duty in Current Tour (EADC) data
            element and the Separation Date (SEPDT), whichever is
            present. No verification is made of the presence of an
            OMF record for this year. The purpose of this data
            element is to compensate for the lack of OMF files
            prior to 1979.

DUTYFL71-   The definition of DUTYFL70 applies to these
DUTYFL00   data elements for the years 1971 - 2000.

SEPFL70   Separation from Active Duty in 1970
            1 Character
            This data element indicates the separation of an
            officer (Y) from Active Duty. If an officer did not
            separate from Active Duty the data element code is 'N'.
            The code 'N' does not imply that the officer is on
            Active Duty but that the officer did not separate in
            1970. This data element is derived from the separation

date.

SEPFL71-   The definition of SEPFL70 applies to these
SEPFL00   data elements for the years 1971 - 2000.

APPENDIX B
Record Layout of Flat OLRDB Data Sets

RECORD LAYOUT OF FLAT OLRDB LONGITUDINAL DATA SETS

1999 OLRDB Longitudinal Data Set:

```
2 YEAR(79:85),                      /*  REPEATS 7 TIMES 1-1197:  */
        3 DOBYY PIC '99',               /*         1-2           */
        3 DOBMM PIC '99',               /*         3-4           */
        3 DOBDD PIC '99',               /*         5-6           */
        3 SEX CHAR(1),                  /*          7            */
        3 TGRA CHAR(3),                 /*         8-10          */
        3 TDORYY PIC '99',              /*        11-12          */
        3 TDORMM PIC '99',              /*        13-14          */
        3 TDORDD PIC '99',              /*        15-16          */
        3 BPEDYY PIC '99',              /*        17-18          */
        3 BPEDMM PIC '99',              /*        19-20          */
        3 BPEDDD PIC '99',              /*        21-22          */
        3 EADCYY PIC '99',              /*        23-24          */
        3 EADCMM PIC '99',              /*        25-26          */
        3 EADCDD PIC '99',              /*        27-28          */
        3 DTRAYY PIC '99',              /*        29-30          */
        3 DTRAMM PIC '99',              /*        31-32          */
        3 DTRADD PIC '99',              /*        33-34          */
        3 SOC CHAR(1),                  /*         35            */
        3 SEPDTYY PIC '99',             /*        36-37          */
        3 SEPDTMM PIC '99',             /*        38-39          */
        3 SEPDTDD PIC '99',             /*        40-41          */
        3 SPD CHAR(3),                  /*        42-44          */
        3 BABR CHAR(2),                 /*        45-46          */
        3 BRCD CHAR(2),                 /*        47-48          */
        3 FACD CHAR(2),                 /*        49-50          */
        3 REDCAT CHAR(1),               /*         51            */
        3 ETHGP CHAR(1),                /*         52            */
        3 BYRGP CHAR(2),                /*        53-54          */
        3 PHDT(10),                     /*        55-114         */
          4 PHDTYY PIC '99',
          4 PHDTMM PIC '99',
          4 PHDTDD PIC '99',
        3 CELC CHAR(1),                 /*        115            */
        3 MEL CHAR(1),                  /*        116            */
        3 RCEAS(3) CHAR(3),             /*       117-125         */
        3 MARST CHAR(1),                /*        126            */
        3 DEPS PIC '99',                /*       127-128         */
        3 NODA PIC '99',                /*       129-130         */
        3 COMPT CHAR(1),                /*        131            */
        3 CURSA CHAR(1),                /*        132            */
        3 COBO CHAR(2),                 /*       133-134         */
        3 ORAPT CHAR(1),                /*        135            */
        3 CPPN CHAR(2),                 /*       136-137         */
        3 PPPN CHAR(2),                 /*       138-139         */
        3 TGPGC CHAR(1),                /*        140            */
        3 MEDN3  PIC '99',              /*       141-142         */
        3 MED1A  CHAR(6),               /*       143-148         */
```

```
         3 MED2A  PIC '99',                   /*    149-150     */
         3 MED3A  PIC '99',                   /*    151-152     */
         3 MED4A  CHAR(2),                    /*    153-154     */
         3 MED3B  PIC '99',                   /*    155-156     */
         3 MABC3A CHAR(2),                    /*    157-158     */
         3 MABC3B CHAR(2),                    /*    159-160     */
         3 MEDMO2 CHAR(2),                    /*    161-162     */
         3 MEDMO3 CHAR(3),                    /*    163-165     */
         3 MDGRDYY CHAR(2),                   /*    166-167     */
         3 MDGRDMM CHAR(2),                   /*    168-169     */
         3 MDGRDDD CHAR(2),                   /*    170-171     */

  NOTE:  The data elements in the section above repeat for each
  year from 1979 through 1985 (171 * 7 years).

  2 YEAR1(86:89),               /* REPEATS 4 TIMES 1198-1909: */
         3 DOBYY PIC '99',                    /*  1198-1199     */
         3 DOBMM PIC '99',                    /*  1200-1201     */
         3 DOBDD PIC '99',                    /*  1202-1203     */
         3 SEX CHAR(1),                       /*    1204        */
         3 TGRA CHAR(3),                      /*  1205-1207     */
         3 TDORYY PIC '99',                   /*  1208-1209     */
         3 TDORMM PIC '99',                   /*  1210-1211     */
         3 TDORDD PIC '99',                   /*  1212-1213     */
         3 BPEDYY PIC '99',                   /*  1214-1215     */
         3 BPEDMM PIC '99',                   /*  1216-1217     */
         3 BPEDDD PIC '99',                   /*  1218-1219     */
         3 EADCYY PIC '99',                   /*  1220-1221     */
         3 EADCMM PIC '99',                   /*  1222-1223     */
         3 EADCDD PIC '99',                   /*  1224-1225     */
         3 DTRAYY PIC '99',                   /*  1226-1227     */
         3 DTRAMM PIC '99',                   /*  1228-1229     */
         3 DTRADD PIC '99',                   /*  1230-1231     */
         3 SOC CHAR(1),                       /*    1232        */
         3 SEPDTYY PIC '99',                  /*  1233-1234     */
         3 SEPDTMM PIC '99',                  /*  1235-1236     */
         3 SEPDTDD PIC '99',                  /*  1237-1238     */
         3 SPD CHAR(3),                       /*  1239-1241     */
         3 BABR CHAR(2),                      /*  1242-1243     */
         3 BRCD CHAR(2),                      /*  1244-1245     */
         3 FACD CHAR(2),                      /*  1246-1247     */
         3 REDCAT CHAR(1),                    /*    1248        */
         3 ETHGP CHAR(1),                     /*    1249        */
         3 BYRGP CHAR(2),                     /*  1250-1251     */
         3 PHDT(10),                          /*  1252-1311     */
           4 PHDTYY PIC '99',
           4 PHDTMM PIC '99',
           4 PHDTDD PIC '99',
         3 CELC CHAR(1),                      /*    1312        */
         3 MEL CHAR(1),                       /*    1313        */
         3 RCEAS(3) CHAR(3),                  /*  1314-1322     */
         3 MARST CHAR(1),                     /*    1323        */
         3 DEPS PIC '99',                     /*  1324-1325     */
         3 NODA PIC '99',                     /*  1326-1327     */
```

```
      3 COMPT CHAR(1),            /*       1328       */
      3 CURSA CHAR(1),            /*       1329       */
      3 COBO CHAR(2),             /*     1330-1331     */
      3 ORAPT CHAR(1),            /*       1332       */
      3 CPPN CHAR(2),             /*     1333-1334     */
      3 PPPN CHAR(2),             /*     1335-1336     */
      3 TGPGC CHAR(1),            /*       1337       */
      3 BRAOC1 CHAR(1),           /*       1338       */
      3 FAAOC1 CHAR(1),           /*       1339       */
      3 MEDN3  PIC '99',          /*     1340-1341     */
      3 MED1A  CHAR(6),           /*     1342-1347     */
      3 MED2A  PIC '99',          /*     1348-1349     */
      3 MED3A  PIC '99',          /*     1350-1351     */
      3 MED4A  CHAR(2),           /*     1352-1353     */
      3 MED3B  PIC '99',          /*     1354-1355     */
      3 MABC3A CHAR(2),           /*     1356-1357     */
      3 MABC3B CHAR(2),           /*     1358-1359     */
      3 MEDMO2 CHAR(2),           /*     1360-1361     */
      3 MEDMO3 CHAR(3),           /*     1362-1364     */
      3 MDMO32 CHAR(3),           /*     1365-1367     */
      3 MDMO22 CHAR(2),           /*     1368-1369     */
      3 MDGRDYY CHAR(2),          /*     1370-1371     */
      3 MDGRDMM CHAR(2),          /*     1372-1373     */
      3 MDGRDDD CHAR(2),          /*     1374-1375     */
```

NOTE: The data elements in the section above repeat for each
year from 1986 through 1989 (178 * 4 years).

```
2 YEAR2(90:96),              /* REPEATS 7 TIMES 1910-3190: */
      3 DOBYY PIC '99',           /*     1910-1911     */
      3 DOBMM PIC '99',           /*     1912-1913     */
      3 DOBDD PIC '99',           /*     1914-1915     */
      3 SEX CHAR(1),              /*       1916       */
      3 TGRA CHAR(3),             /*     1917-1919     */
      3 TDORYY PIC '99',          /*     1920-1921     */
      3 TDORMM PIC '99',          /*     1922-1923     */
      3 TDORDD PIC '99',          /*     1924-1925     */
      3 BPEDYY PIC '99',          /*     1926-1927     */
      3 BPEDMM PIC '99',          /*     1928-1929     */
      3 BPEDDD PIC '99',          /*     1930-1931     */
      3 EADCYY PIC '99',          /*     1932-1933     */
      3 EADCMM PIC '99',          /*     1934-1935     */
      3 EADCDD PIC '99',          /*     1936-1937     */
      3 DTRAYY PIC '99',          /*     1938-1939     */
      3 DTRAMM PIC '99',          /*     1940-1941     */
      3 DTRADD PIC '99',          /*     1942-1943     */
      3 SOC CHAR(1),              /*       1944       */
      3 SEPDTYY PIC '99',         /*     1945-1946     */
      3 SEPDTMM PIC '99',         /*     1947-1948     */
      3 SEPDTDD PIC '99',         /*     1949-1950     */
      3 SPD CHAR(3),              /*     1951-1953     */
      3 BABR CHAR(2),             /*     1954-1955     */
      3 BRCD CHAR(2),             /*     1956-1957     */
      3 FACD CHAR(2),             /*     1958-1959     */
```

```
        3 REDCAT CHAR(1),                    /*        1960       */
        3 ETHGP CHAR(1),                     /*        1961       */
        3 BYRGP CHAR(2),                     /*     1962-1963     */
        3 PHDT(10),                          /*     1964-2023     */
          4 PHDTYY PIC '99',
          4 PHDTMM PIC '99',
          4 PHDTDD PIC '99',
        3 CELC CHAR(1),                      /*        2024       */
        3 MEL CHAR(1),                       /*        2025       */
        3 RCEAS(3) CHAR(3),                  /*     2026-2034     */
        3 MARST CHAR(1),                     /*        2035       */
        3 DEPS PIC '99',                     /*     2036-2037     */
        3 NODA PIC '99',                     /*     2038-2039     */
        3 COMPT CHAR(1),                     /*        2040       */
        3 CURSA CHAR(1),                     /*        2041       */
        3 COBO CHAR(2),                      /*     2042-2043     */
        3 ORAPT CHAR(1),                     /*        2044       */
        3 UUIC CHAR(5),                      /*     2045-2049     */
        3 CPPN CHAR(2),                      /*     2050-2051     */
        3 PPPN CHAR(2),                      /*     2052-2053     */
        3 TGPGC CHAR(1),                     /*        2054       */
        3 BRAOC1 CHAR(1),                    /*        2055       */
        3 FAAOC1 CHAR(1),                    /*        2056       */
        3 MEDN3  PIC '99',                   /*     2057-2058     */
        3 MED1A  CHAR(6),                    /*     2059-2064     */
        3 MED2A  PIC '99',                   /*     2065-2066     */
        3 MED3A  PIC '99',                   /*     2067-2068     */
        3 MED4A  CHAR(2),                    /*     2069-2070     */
        3 MED3B  PIC '99',                   /*     2071-2072     */
        3 MABC3A CHAR(2),                    /*     2073-2074     */
        3 MABC3B CHAR(2),                    /*     2075-2076     */
        3 MEDMO2 CHAR(2),                    /*     2077-2078     */
        3 MEDMO3 CHAR(3),                    /*     2079-2081     */
        3 MDMO32 CHAR(3),                    /*     2082-2084     */
        3 MDMO22 CHAR(2),                    /*     2085-2086     */
        3 MDGRDYY CHAR(2),                   /*     2087-2088     */
        3 MDGRDMM CHAR(2),                   /*     2089-2090     */
        3 MDGRDDD CHAR(2),                   /*     2091-2092     */
```

NOTE: The data elements in the section above repeat for each
year from 1990 through 1996 (183 * 7 years).

```
2 YEAR3(97:99),                  /*    REPEATS 3 TIME 3191-3877: */
        3 DOBYY4 PIC '(4)9',             /*      3191-3194    */
        3 DOBMM PIC '99',                /*      3195-3196    */
        3 DOBDD PIC '99',                /*      3197-3198    */
        3 SEX CHAR(1),                   /*         3199      */
        3 TGRA CHAR(3),                  /*      3200-3202    */
        3 TDORYY4 PIC '(4)9',            /*      3203-3206    */
        3 TDORMM PIC '99',               /*      3207-3208    */
        3 TDORDD PIC '99',               /*      3209-3210    */
        3 BPEDYY4 PIC '(4)9',            /*      3211-3214    */
        3 BPEDMM PIC '99',               /*      3215-3216    */
        3 BPEDDD PIC '99',               /*      3217-3218    */
```

```
3 EADCYY4 PIC '(4)9',          /*   3219-3222   */
3 EADCMM PIC '99',             /*   3223-3224   */
3 EADCDD PIC '99',             /*   3225-3226   */
3 DTRAYY4 PIC '(4)9',          /*   3227-3230   */
3 DTRAMM PIC '99',             /*   3231-3232   */
3 DTRADD PIC '99',             /*   3233-3234   */
3 SOC CHAR(1),                 /*     3235      */
3 SEPDTYY4 PIC '(4)9',         /*   3236-3239   */
3 SEPDTMM PIC '99',            /*   3240-3241   */
3 SEPDTDD PIC '99',            /*   3242-3243   */
3 SPD CHAR(3),                 /*   3244-3246   */
3 BABR CHAR(2),                /*   3247-3248   */
3 BRCD CHAR(2),                /*   3249-3250   */
3 FACD CHAR(2),                /*   3251-3252   */
3 REDCAT CHAR(1),              /*     3253      */
3 ETHGP CHAR(1),               /*     3254      */
3 BYRGP4 CHAR(4),              /*   3255-3258   */
3 PHDT(10),                    /*   3259-3338   */
  4 PHDTYY4 PIC '(4)9',
  4 PHDTMM PIC '99',
  4 PHDTDD PIC '99',
3 CELC CHAR(1),                /*     3339      */
3 MEL CHAR(1),                 /*     3340      */
3 RCEAS(3) CHAR(3),            /*   3341-3349   */
3 MARST CHAR(1),               /*     3350      */
3 DEPS PIC '99',               /*   3351-3352   */
3 NODA PIC '99',               /*   3353-3354   */
3 COMPT CHAR(1),               /*     3355      */
3 CURSA CHAR(1),               /*     3356      */
3 COBO CHAR(2),                /*   3357-3358   */
3 ORAPT CHAR(1),               /*     3359      */
3 UUIC CHAR(5),                /*   3360-3364   */
3 CPPN CHAR(2),                /*   3365-3366   */
3 PPPN CHAR(2),                /*   3367-3368   */
3 TGPGC CHAR(1),               /*     3369      */
3 BRAOC1 CHAR(1),              /*     3370      */
3 FAAOC1 CHAR(1),              /*     3371      */
3 MEDN34  PIC '(4)9',          /*   3372-3375   */
3 MED1A   CHAR(6),             /*   3376-3381   */
3 MED2A   PIC '99',            /*   3382-3383   */
3 MED3A4  PIC '(4)9',          /*   3384-3387   */
3 MED4A   CHAR(2),             /*   3388-3389   */
3 MED3B4  PIC '(4)9',          /*   3390-3393   */
3 MABC3A4 CHAR(4),             /*   3394-3397   */
3 MABC3B4 CHAR(4),             /*   3398-3401   */
3 MEDMO2 CHAR(2),              /*   3402-3403   */
3 MEDMO3 CHAR(3),              /*   3404-3406   */
3 MDMO32 CHAR(3),              /*   3407-3409   */
3 MDMO22 CHAR(2),              /*   3410-3411   */
3 MDGRDYY4 PIC '(4)9',         /*   3412-3415   */
3 MDGRDMM PIC '99',            /*   3416-3417   */
3 MDGRDDD PIC '99',            /*   3418-3419   */
```

NOTE: The data elements in the section above repeat for each
year from 1997 through 1999 (229 * 3 years).

```
        2 VSI,                           /*    3878-3918    */
         3 OFFER PIC '(6)9',             /*    3878-3883    */
         3 ACCEPT PIC '(6)9',            /*    3884-3889    */
         3 RECTYPE PIC '9',              /*       3890      */
         3 PROTYPE PIC '9',              /*       3891      */
         3 RECREFLG PIC '9',             /*       3892      */
         3 PROGYY PIC '99',              /*    3893-3894    */
         3 LOSSFLG PIC '9',              /*       3895      */
         3 JUMPSFLG PIC '9',             /*       3896      */
         3 JUMPSAMT PIC '(6)9',          /*    3897-3902    */
         3 JUMPSMON PIC '999',           /*    3903-3905    */
         3 DFASFLG CHAR(1),              /*       3906      */
         3 DFASAMT PIC'(6)9',            /*    3907-3912    */
         3 DFASMON PIC'999',             /*    3913-3915    */
         3 LOSSTAFM PIC'999',            /*    3916-3918    */
        2 CORE,
         3 MATCHCOD PIC '(9)9',          /*    3919-3927    */
         3 DOBYY4 PIC '(4)9',            /*    3928-3931    */
         3 DOBMM PIC '99',               /*    3932-3933    */
         3 DOBDD PIC '99',               /*    3934-3935    */
         3 SEX CHAR(1),                  /*       3936      */
         3 TGRA CHAR(3),                 /*    3937-3939    */
         3 TDORYY4 PIC '(4)9',           /*    3940-3943    */
         3 TDORMM PIC '99',              /*    3944-3945    */
         3 TDORDD PIC '99',              /*    3946-3947    */
         3 BPEDYY4 PIC '(4)9',           /*    3948-3951    */
         3 BPEDMM PIC '99',              /*    3952-3953    */
         3 BPEDDD PIC '99',              /*    3954-3955    */
         3 EADCYY4 PIC '(4)9',           /*    3956-3959    */
         3 EADCMM PIC '99',              /*    3960-3961    */
         3 EADCDD PIC '99',              /*    3962-3963    */
         3 DTRAYY4 PIC '(4)9',           /*    3964-3967    */
         3 DTRAMM PIC '99',              /*    3968-3969    */
         3 DTRADD PIC '99',              /*    3970-3971    */
         3 SOC CHAR(1),                  /*       3972      */
         3 SEPDTYY4 PIC '(4)9',          /*    3973-3976    */
         3 SEPDTMM PIC '99',             /*    3977-3978    */
         3 SEPDTDD PIC '99',             /*    3979-3980    */
         3 SPD CHAR(3),                  /*    3981-3983    */
         3 BABR CHAR(2),                 /*    3984-3985    */
         3 BRCD CHAR(2),                 /*    3986-3987    */
         3 FACD CHAR(2),                 /*    3988-3989    */
         3 UUIC CHAR(5),                 /*    3990-3994    */
         3 REDCAT CHAR(1),               /*       3995      */
         3 ETHGP CHAR(1),                /*       3996      */
         3 BYRGP4 CHAR(4),               /*    3997-4000    */
         3 PHDT(10),                     /*    4001-4080    */
          4 PHDTYY4 PIC '(4)9',
          4 PHDTMM PIC '99',
          4 PHDTDD PIC '99',
         3 CELC CHAR(1),                 /*       4081      */
```

```
        3 MEL CHAR(1),                        /*        4082       */
        3 RCEAS(3) CHAR(3),                   /*      4083-4091     */
        3 MARST CHAR(1),                      /*        4092       */
        3 DEPS PIC '99',                       /*      4093-4094     */
        3 NODA PIC '99',                       /*      4095-4096     */
        3 COMPT CHAR(1),                      /*        4097       */
        3 CURSA CHAR(1),                      /*        4098       */
        3 COBO CHAR(2),                       /*      4099-4100     */
        3 ORAPT CHAR(1),                      /*        4101       */
        3 CPPN CHAR(2),                       /*      4102-4103     */
        3 PPPN CHAR(2),                       /*      4104-4105     */
        3 TGPGC CHAR(1),                      /*        4106       */
        3 BRAOC1 CHAR(1),                     /*        4107       */
        3 FAAOC1 CHAR(1),                     /*        4108       */
        3 MEDN34 PIC '(4)9',                   /*      4109-4112     */
        3 MED1A CHAR(6),                      /*      4113-4118     */
        3 MED2A PIC '99',                      /*      4119-4120     */
        3 MED3A4 PIC '(4)9',                   /*      4121-4124     */
        3 MED4A CHAR(2),                      /*      4125-4126     */
        3 MED3B4 PIC '(4)9',                   /*      4127-4130     */
        3 MABC3A4 CHAR(4),                    /*      4131-4134     */
        3 MABC3B4 CHAR(4),                    /*      4135-4138     */
        3 MEDMO2 CHAR(2),                     /*      4139-4140     */
        3 MEDMO3 CHAR(3),                     /*      4141-4143     */
        3 MDMO32 CHAR(3),                     /*      4144-4146     */
        3 MDMO22 CHAR(2),                     /*      4147-4148     */
        3 MDGRDYY4 PIC '(4)9',                 /*      4149-4152     */
        3 MDGRDMM PIC '99',                    /*      4153-4154     */
        3 MDGRDDD PIC '99',                    /*      4155-4156     */
        3 OFFER PIC '(6)9',                    /*      4157-4162     */
        3 ACCEPT PIC '(6)9',                   /*      4163-4168     */
        3 RECTYPE PIC '9',                     /*        4169       */
        3 PROTYPE PIC '9',                     /*        4170       */
        3 RECREFLG PIC '9',                    /*        4171       */
        3 PROGYY PIC '99',                     /*      4172-4173     */
        3 LOSSFLG PIC '9',                     /*        4174       */
        3 JUMPSFLG PIC '9',                    /*        4175       */
        3 JUMPSAMT PIC '(6)9',                 /*      4176-4181     */
        3 JUMPSMON PIC '999',                  /*      4182-4184     */
        3 DFASFLG CHAR(1),                    /*        4185       */
        3 DFASAMT PIC'(6)9',                   /*      4186-4191     */
        3 DFASMON PIC'999',                    /*      4192-4194     */
        3 LOSSTAFM PIC'999',                   /*      4195-4197     */
    2 FLAG,
        3 OMFLAG(79:99) CHAR(1),              /*      4198-4218     */
        3 DUTYFL(70:99) CHAR(1),              /*      4219-4248     */
        3 SEPFL(70:99) CHAR(1),               /*      4249-4278     */
    2 SEPH (5),              /* Repeats 5 times 4279-4413: */
        3 EADCYY4 PIC '(4)9',
        3 EADCMM PIC '99',
        3 EADCDD PIC '99',
        3 SEPDTYY4 PIC '(4)9',
        3 SEPDTMM PIC '99',
        3 SEPDTDD PIC '99',
```

```
3 BPEDYY4 PIC '(4)9',
3 BPEDMM PIC '99',
3 BPEDDD PIC '99',
3 SPD CHAR(3);
```

```
2000 OLRDB Longitudinal Data Set:
2 YEAR(79:85),                          /*   REPEATS 7 TIMES 1-980:     */
            3 DOBYY PIC '99',                /*        1-2              */
            3 DOBMM PIC '99',                /*        3-4              */
            3 DOBDD PIC '99',                /*        5-6              */
            3 SEX CHAR(1),                   /*         7               */
            3 TGRA CHAR(3),                  /*        8-10             */
            3 TDORYY PIC '99',               /*       11-12             */
            3 TDORMM PIC '99',               /*       13-14             */
            3 TDORDD PIC '99',               /*       15-16             */
            3 BPEDYY PIC '99',               /*       17-18             */
            3 BPEDMM PIC '99',               /*       19-20             */
            3 BPEDDD PIC '99',               /*       21-22             */
            3 EADCYY PIC '99',               /*       23-24             */
            3 EADCMM PIC '99',               /*       25-26             */
            3 EADCDD PIC '99',               /*       27-28             */
            3 DTRAYY PIC '99',               /*       29-30             */
            3 DTRAMM PIC '99',               /*       31-32             */
            3 DTRADD PIC '99',               /*       33-34             */
            3 SOC CHAR(1),                   /*        35               */
            3 SEPDTYY PIC '99',              /*       36-37             */
            3 SEPDTMM PIC '99',              /*       38-39             */
            3 SEPDTDD PIC '99',              /*       40-41             */
            3 SPD CHAR(3),                   /*       42-44             */
            3 BABR CHAR(2),                  /*       45-46             */
            3 BRCD CHAR(2),                  /*       47-48             */
            3 FACD CHAR(2),                  /*       49-50             */
            3 REDCAT CHAR(1),                /*        51               */
            3 ETHGP CHAR(1),                 /*        52               */
            3 BYRGP CHAR(2),                 /*       53-54             */
            3 PHDT(10),                      /*       55-114            */
              4 PHDTYY PIC '99',
              4 PHDTMM PIC '99',
              4 PHDTDD PIC '99',
            3 CELC CHAR(1),                  /*       115               */
            3 MEL CHAR(1),                   /*       116               */
            3 RCEAS(3) CHAR(3),              /*      117-125            */
            3 MARST CHAR(1),                 /*       126               */
            3 DEPS PIC '99',                 /*      127-128            */
            3 NODA PIC '99',                 /*      129-130            */
            3 COMPT CHAR(1),                 /*       131               */
            3 CURSA CHAR(1),                 /*       132               */
            3 COBO CHAR(2),                  /*      133-134            */
            3 ORAPT CHAR(1),                 /*       135               */
            3 CPPN CHAR(2),                  /*      136-137            */
            3 PPPN CHAR(2),                  /*      138-139            */
            3 TGPGC CHAR(1),                 /*       140               */
```

NOTE: The data elements in the section above repeat for each
year from 1979 through 1985 (140 * 7 years).

```
  2 YEAR1(86:89),                 /* REPEATS 4 TIMES 981-1936: */
              3 DOBYY PIC '99',           /*      981-982     */
              3 DOBMM PIC '99',           /*      983-984     */
              3 DOBDD PIC '99',           /*      985-986     */
              3 SEX CHAR(1),              /*        987       */
              3 TGRA CHAR(3),             /*      988-990     */
              3 TDORYY PIC '99',          /*      991-992     */
              3 TDORMM PIC '99',          /*      993-994     */
              3 TDORDD PIC '99',          /*      995-996     */
              3 BPEDYY PIC '99',          /*      997-998     */
              3 BPEDMM PIC '99',          /*      999-1000    */
              3 BPEDDD PIC '99',          /*     1001-1002    */
              3 EADCYY PIC '99',          /*     1003-1004    */
              3 EADCMM PIC '99',          /*     1005-1006    */
              3 EADCDD PIC '99',          /*     1007-1008    */
              3 DTRAYY PIC '99',          /*     1009-1010    */
              3 DTRAMM PIC '99',          /*     1011-1012    */
              3 DTRADD PIC '99',          /*     1013-1014    */
              3 SOC CHAR(1),              /*       1015       */
              3 SEPDTYY PIC '99',         /*     1016-1017    */
              3 SEPDTMM PIC '99',         /*     1018-1019    */
              3 SEPDTDD PIC '99',         /*     1020-1021    */
              3 SPD CHAR(3),              /*     1022-1024    */
              3 BABR CHAR(2),             /*     1025-1026    */
              3 BRCD CHAR(2),             /*     1027-1028    */
              3 FACD CHAR(2),             /*     1029-1030    */
              3 REDCAT CHAR(1),           /*       1031       */
              3 ETHGP CHAR(1),            /*       1032       */
              3 BYRGP CHAR(2),            /*     1033-1034    */
              3 PHDT(10),                 /*     1035-1094    */
                4 PHDTYY PIC '99',
                4 PHDTMM PIC '99',
                4 PHDTDD PIC '99',
              3 CELC CHAR(1),             /*       1095       */
              3 MEL CHAR(1),              /*       1096       */
              3 RCEAS(3) CHAR(3),         /*     1097-1105    */
              3 MARST CHAR(1),            /*       1106       */
              3 DEPS PIC '99',            /*     1107-1108    */
              3 NODA PIC '99',            /*     1109-1110    */
              3 COMPT CHAR(1),            /*       1111       */
              3 CURSA CHAR(1),            /*       1112       */
              3 COBO CHAR(2),             /*     1113-1114    */
              3 ORAPT CHAR(1),            /*       1115       */
              3 CPPN CHAR(2),             /*     1116-1117    */
              3 PPPN CHAR(2),             /*     1118-1119    */
              3 TGPGC CHAR(1),            /*       1120       */
              3 BRAOC1 CHAR(1),           /*       1121       */
              3 FAAOC1 CHAR(1),           /*       1122       */
              3 CADT CHAR(24),            /*     1123-1146    */
              3 CAFD CHAR(6),             /*     1147-1152    */
              3 CAL CHAR(3),              /*     1153-1155    */
              3 CAUN CHAR(4),             /*     1156-1159    */
              3 CMDSL1 CHAR(3),           /*     1160-1162    */
              3 CMDTR CHAR(3),            /*     1163-1165    */
```

B-10

```
              3 COLCA1 CHAR(6),              /*    1166-1171    */
              3 COLTA1 CHAR(6),              /*    1172-1177    */
              3 CSBAD(5) CHAR(2),            /*    1178-1187    */
              3 DEPOS CHAR(4),               /*    1188-1191    */
              3 DEROS CHAR(6),               /*    1192-1197    */
              3 LTCCA CHAR(6),               /*    1198-1203    */
              3 LTCTA CHAR(6),               /*    1204-1209    */
              3 SKILL(6) CHAR(2),            /*    1210-1221    */
```

NOTE: The data elements in the section above repeat for each
year from 1986 through 1989 (241 * 4 years).

```
2 YEAR2(90:96),                   /* REPEATS 7 TIMES 1945-3666: */
              3 DOBYY PIC '99',            /*    1945-1946    */
              3 DOBMM PIC '99',            /*    1947-1948    */
              3 DOBDD PIC '99',            /*    1949-1950    */
              3 SEX CHAR(1),               /*      1951       */
              3 TGRA CHAR(3),              /*    1952-1954    */
              3 TDORYY PIC '99',           /*    1955-1956    */
              3 TDORMM PIC '99',           /*    1957-1958    */
              3 TDORDD PIC '99',           /*    1959-1960    */
              3 BPEDYY PIC '99',           /*    1961-1962    */
              3 BPEDMM PIC '99',           /*    1963-1964    */
              3 BPEDDD PIC '99',           /*    1965-1966    */
              3 EADCYY PIC '99',           /*    1967-1968    */
              3 EADCMM PIC '99',           /*    1969-1970    */
              3 EADCDD PIC '99',           /*    1971-1972    */
              3 DTRAYY PIC '99',           /*    1973-1974    */
              3 DTRAMM PIC '99',           /*    1975-1976    */
              3 DTRADD PIC '99',           /*    1977-1978    */
              3 SOC CHAR(1),               /*      1979       */
              3 SEPDTYY PIC '99',          /*    1980-1981    */
              3 SEPDTMM PIC '99',          /*    1982-1983    */
              3 SEPDTDD PIC '99',          /*    1984-1985    */
              3 SPD CHAR(3),               /*    1986-1988    */
              3 BABR CHAR(2),              /*    1989-1990    */
              3 BRCD CHAR(2),              /*    1991-1992    */
              3 FACD CHAR(2),              /*    1993-1994    */
              3 REDCAT CHAR(1),            /*      1995       */
              3 ETHGP CHAR(1),             /*      1996       */
              3 BYRGP CHAR(2),             /*    1997-1998    */
              3 PHDT(10),                  /*    1999-2058    */
                4 PHDTYY PIC '99',
                4 PHDTMM PIC '99',
                4 PHDTDD PIC '99',
              3 CELC CHAR(1),              /*      2059       */
              3 MEL CHAR(1),               /*      2060       */
              3 RCEAS(3) CHAR(3),          /*    2061-2069    */
              3 MARST CHAR(1),             /*      2070       */
              3 DEPS PIC '99',             /*    2071-2072    */
              3 NODA PIC '99',             /*    2073-2074    */
              3 COMPT CHAR(1),             /*      2075       */
              3 CURSA CHAR(1),             /*      2076       */
              3 COBO CHAR(2),              /*    2077-2078    */
```

```
        3 ORAPT CHAR(1),                    /*        2079        */
        3 UUIC CHAR(5),                     /*      2080-2084     */
        3 CPPN CHAR(2),                     /*      2085-2086     */
        3 PPPN CHAR(2),                     /*      2087-2088     */
        3 TGPGC CHAR(1),                    /*        2089        */
        3 BRAOC1 CHAR(1),                   /*        2090        */
        3 FAAOC1 CHAR(1),                   /*        2091        */
        3 CADT CHAR(24),                    /*      2092-2115     */
        3 CAFD CHAR(6),                     /*      2116-2121     */
        3 CAL CHAR(3),                      /*      2122-2124     */
        3 CAUN CHAR(4),                     /*      2125-2128     */
        3 CMDSL1 CHAR(3),                   /*      2129-2131     */
        3 CMDTR CHAR(3),                    /*      2132-2134     */
        3 COLCA1 CHAR(6),                   /*      2135-2140     */
        3 COLTA1 CHAR(6),                   /*      2141-2146     */
        3 CSBAD(5) CHAR(2),                 /*      2147-2156     */
        3 DEPOS CHAR(4),                    /*      2157-2160     */
        3 DEROS CHAR(6),                    /*      2161-2166     */
        3 LTCCA CHAR(6),                    /*      2167-2172     */
        3 LTCTA CHAR(6),                    /*      2173-2178     */
        3 SKILL(6) CHAR(2),                 /*      2179-2190     */
```

NOTE: The data elements in the section above repeat for each year from 1990 through 1996 (246 * 7 years).

```
2 YEAR97(1997:1997),
        3 DOBYY4 PIC '(4)9',               /*      3667-3670     */
        3 DOBMM PIC '99',                  /*      3671-3672     */
        3 DOBDD PIC '99',                  /*      3673-3674     */
        3 SEX CHAR(1),                     /*        3675        */
        3 TGRA CHAR(3),                    /*      3676-3678     */
        3 TDORYY4 PIC '(4)9',              /*      3679-3682     */
        3 TDORMM PIC '99',                 /*      3683-3684     */
        3 TDORDD PIC '99',                 /*      3685-3686     */
        3 BPEDYY4 PIC '(4)9',              /*      3687-3690     */
        3 BPEDMM PIC '99',                 /*      3691-3692     */
        3 BPEDDD PIC '99',                 /*      3693-3694     */
        3 EADCYY4 PIC '(4)9',              /*      3695-3698     */
        3 EADCMM PIC '99',                 /*      3699-3700     */
        3 EADCDD PIC '99',                 /*      3701-3702     */
        3 DTRAYY4 PIC '(4)9',              /*      3703-3706     */
        3 DTRAMM PIC '99',                 /*      3707-3708     */
        3 DTRADD PIC '99',                 /*      3709-3710     */
        3 SOC CHAR(1),                     /*        3711        */
        3 SEPDTYY4 PIC '(4)9',             /*      3712-3715     */
        3 SEPDTMM PIC '99',                /*      3716-3717     */
        3 SEPDTDD PIC '99',                /*      3718-3719     */
        3 SPD CHAR(3),                     /*      3720-3722     */
        3 BABR CHAR(2),                    /*      3723-3724     */
        3 BRCD CHAR(2),                    /*      3725-3726     */
        3 FACD CHAR(2),                    /*      3727-3728     */
        3 REDCAT CHAR(1),                  /*        3729        */
        3 ETHGP CHAR(1),                   /*        3730        */
        3 BYRGP4 CHAR(4),                  /*      3731-3734     */
```

```
       3 PHDT(10),                             /*      3735-3814    */
         4 PHDTYY4 PIC '(4)9',
         4 PHDTMM PIC '99',
         4 PHDTDD PIC '99',
       3 CELC CHAR(1),                         /*         3815      */
       3 MEL CHAR(1),                          /*         3816      */
       3 RCEAS(3) CHAR(3),                     /*      3817-3825    */
       3 MARST CHAR(1),                        /*         3826      */
       3 DEPS PIC '99',                        /*      3827-3828    */
       3 NODA PIC '99',                        /*      3829-3830    */
       3 COMPT CHAR(1),                        /*         3831      */
       3 CURSA CHAR(1),                        /*         3832      */
       3 COBO CHAR(2),                         /*      3833-3834    */
       3 ORAPT CHAR(1),                        /*         3835      */
       3 UUIC CHAR(5),                         /*      3836-3840    */
       3 CPPN CHAR(2),                         /*      3841-3842    */
       3 PPPN CHAR(2),                         /*      3843-3844    */
       3 TGPGC CHAR(1),                        /*         3845      */
       3 BRAOC1 CHAR(1),                       /*         3846      */
       3 FAAOC1 CHAR(1),                       /*         3847      */
       3 CADT CHAR(24),                        /*      3848-3871    */
       3 CAFD CHAR(8),                         /*      3872-3879    */
       3 CAL CHAR(3),                          /*      3880-3882    */
       3 CAUN CHAR(4),                         /*      3883-3886    */
       3 CMDSL1 CHAR(3),                       /*      3887-3889    */
       3 CMDTR CHAR(3),                        /*      3890-3892    */
       3 COLCA1 CHAR(8),                       /*      3893-3900    */
       3 COLTA1 CHAR(8),                       /*      3901-3908    */
       3 CSBAD(5) CHAR(2),                     /*      3909-3918    */
       3 DEPOS CHAR(6),                        /*      3919-3924    */
       3 DEROS CHAR(8),                        /*      3925-3932    */
       3 LTCCA CHAR(8),                        /*      3933-3940    */
       3 LTCTA CHAR(8),                        /*      3941-3948    */
       3 SKILL(6) CHAR(2),                     /*      3949-3960    */

 2 YEAR3(1998:2000),           /*  REPEATS 3 TIMES 3961-4935: */
       3 DOBYY4 PIC '(4)9',                    /*      3961-3964    */
       3 DOBMM PIC '99',                       /*      3965-3966    */
       3 DOBDD PIC '99',                       /*      3967-3968    */
       3 SEX CHAR(1),                          /*         3969      */
       3 TGRA CHAR(3),                         /*      3970-3972    */
       3 TDORYY4 PIC '(4)9',                   /*      3973-3976    */
       3 TDORMM PIC '99',                      /*      3977-3978    */
       3 TDORDD PIC '99',                      /*      3979-3980    */
       3 BPEDYY4 PIC '(4)9',                   /*      3981-3984    */
       3 BPEDMM PIC '99',                      /*      3985-3986    */
       3 BPEDDD PIC '99',                      /*      3987-3988    */
       3 EADCYY4 PIC '(4)9',                   /*      3989-3992    */
       3 EADCMM PIC '99',                      /*      3993-3994    */
       3 EADCDD PIC '99',                      /*      3995-3996    */
       3 DTRAYY4 PIC '(4)9',                   /*      3997-4000    */
       3 DTRAMM PIC '99',                      /*      4001-4002    */
       3 DTRADD PIC '99',                      /*      4003-4004    */
       3 SOC CHAR(1),                          /*         4005      */
```

```
        3 SEPDTYY4 PIC '(4)9',              /*   4006-4009   */
        3 SEPDTMM PIC '99',                 /*   4010-4011   */
        3 SEPDTDD PIC '99',                 /*   4012-4013   */
        3 SPD CHAR(3),                      /*   4014-4016   */
        3 BABR CHAR(2),                     /*   4017-4018   */
        3 BRCD CHAR(2),                     /*   4019-4020   */
        3 FACD CHAR(2),                     /*   4021-4022   */
        3 REDCAT CHAR(1),                   /*     4023      */
        3 ETHGP CHAR(1),                    /*     4024      */
        3 BYRGP4 CHAR(4),                   /*   4025-4028   */
        3 PHDT(10),                         /*   4029-4108   */
          4 PHDTYY4 PIC '(4)9',
          4 PHDTMM PIC '99',
          4 PHDTDD PIC '99',
        3 CELC CHAR(1),                     /*     4109      */
        3 MEL CHAR(1),                      /*     4110      */
        3 RCEAS(3) CHAR(3),                 /*   4111-4119   */
        3 MARST CHAR(1),                    /*     4120      */
        3 DEPS PIC '99',                    /*   4121-4122   */
        3 NODA PIC '99',                    /*   4123-4124   */
        3 COMPT CHAR(1),                    /*     4125      */
        3 CURSA CHAR(1),                    /*     4126      */
        3 COBO CHAR(2),                     /*   4127-4128   */
        3 ORAPT CHAR(1),                    /*     4129      */
        3 UUIC CHAR(5),                     /*   4130-4134   */
        3 CPPN CHAR(2),                     /*   4135-4136   */
        3 PPPN CHAR(2),                     /*   4137-4138   */
        3 TGPGC CHAR(1),                    /*     4139      */
        3 BRAOC1 CHAR(1),                   /*     4140      */
        3 FAAOC1 CHAR(1),                   /*     4141      */
        3 CADT CHAR(24),                    /*   4142-4165   */
        3 CAFD CHAR(8),                     /*   4166-4173   */
        3 CYLU CHAR(30),                    /*   4174-4203   */
        3 CAUN CHAR(4),                     /*   4204-4207   */
        3 CMDSL5 CHAR(5),                   /*   4208-4212   */
        3 CMDTR5 CHAR(5),                   /*   4213-4217   */
        3 COLCA1 CHAR(8),                   /*   4218-4225   */
        3 COLTA1 CHAR(8),                   /*   4226-4233   */
        3 CSBAD(5) CHAR(2),                 /*   4234-4243   */
        3 DEPOS CHAR(6),                    /*   4244-4249   */
        3 DEROS CHAR(8),                    /*   4250-4257   */
        3 LTCCA CHAR(8),                    /*   4258-4265   */
        3 LTCTA CHAR(8),                    /*   4266-4273   */
        3 SKILL(6) CHAR(2),                 /*   4274-4285   */
```

NOTE: The data elements in the section above repeat for each
year from 1998 through 2000 (325 * 3 years).

```
      2 VSI,                               /*   4936-4976   */
        3 OFFER PIC '(6)9',                /*   4936-4941   */
        3 ACCEPT PIC '(6)9',               /*   4942-4947   */
        3 RECTYPE PIC '9',                 /*     4948      */
        3 PROTYPE PIC '9',                 /*     4949      */
        3 RECREFLG PIC '9',                /*     4950      */
```

```
        3 PROGYY PIC '99',              /*    4951-4952    */
        3 LOSSFLG PIC '9',              /*      4953       */
        3 JUMPSFLG PIC '9',             /*      4954       */
        3 JUMPSAMT PIC '(6)9',          /*    4955-4960    */
        3 JUMPSMON PIC '999',           /*    4961-4963    */
        3 DFASFLG CHAR(1),              /*      4964       */
        3 DFASAMT PIC'(6)9',            /*    4965-4970    */
        3 DFASMON PIC'999',             /*    4971-4973    */
        3 LOSSTAFM PIC'999',            /*    4974-4976    */

2 CORE,
        3 MATCHCOD PIC '(9)9',          /*    4977-4985    */
        3 DOBYY4 PIC '(4)9',            /*    4986-4989    */
        3 DOBMM PIC '99',               /*    4990-4991    */
        3 DOBDD PIC '99',               /*    4992-4993    */
        3 SEX CHAR(1),                  /*      4994       */
        3 TGRA CHAR(3),                 /*    4995-4997    */
        3 TDORYY4 PIC '(4)9',           /*    4998-5001    */
        3 TDORMM PIC '99',              /*    5002-5003    */
        3 TDORDD PIC '99',              /*    5004-5005    */
        3 BPEDYY4 PIC '(4)9',           /*    5006-5009    */
        3 BPEDMM PIC '99',              /*    5010-5011    */
        3 BPEDDD PIC '99',              /*    5012-5013    */
        3 EADCYY4 PIC '(4)9',           /*    5014-5017    */
        3 EADCMM PIC '99',              /*    5018-5019    */
        3 EADCDD PIC '99',              /*    5020-5021    */
        3 DTRAYY4 PIC '(4)9',           /*    5022-5025    */
        3 DTRAMM PIC '99',              /*    5026-5027    */
        3 DTRADD PIC '99',              /*    5028-5029    */
        3 SOC CHAR(1),                  /*      5030       */
        3 SEPDTYY4 PIC '(4)9',          /*    5031-5034    */
        3 SEPDTMM PIC '99',             /*    5035-5036    */
        3 SEPDTDD PIC '99',             /*    5037-5038    */
        3 SPD CHAR(3),                  /*    5039-5041    */
        3 BABR CHAR(2),                 /*    5042-5043    */
        3 BRCD CHAR(2),                 /*    5044-5045    */
        3 FACD CHAR(2),                 /*    5046-5047    */
        3 UUIC CHAR(5),                 /*    5048-5052    */
        3 REDCAT CHAR(1),               /*      5053       */
        3 ETHGP CHAR(1),                /*      5054       */
        3 BYRGP4 CHAR(4),               /*    5055-5058    */
        3 PHDT(10),                     /*    5059-5138    */
          4 PHDTYY4 PIC '(4)9',
          4 PHDTMM PIC '99',
          4 PHDTDD PIC '99',
        3 CELC CHAR(1),                 /*      5139       */
        3 MEL CHAR(1),                  /*      5140       */
        3 RCEAS(3) CHAR(3),             /*    5141-5149    */
        3 MARST CHAR(1),                /*      5150       */
        3 DEPS PIC '99',                /*    5151-5152    */
        3 NODA PIC '99',                /*    5153-5154    */
        3 COMPT CHAR(1),                /*      5155       */
        3 CURSA CHAR(1),                /*      5156       */
        3 COBO CHAR(2),                 /*    5157-5158    */
```

```
    3 ORAPT CHAR(1),                         /*        5159        */
    3 CPPN CHAR(2),                          /*      5160-5161     */
    3 PPPN CHAR(2),                          /*      5162-5163     */
    3 TGPGC CHAR(1),                         /*        5164        */
    3 BRAOC1 CHAR(1),                        /*        5165        */
    3 FAAOC1 CHAR(1),                        /*        5166        */
    3 CADT CHAR(24),                         /*      5167-5190     */
    3 CAFD CHAR(8),                          /*      5191-5198     */
    3 CAL CHAR(3),                           /*      5199-5201     */
    3 CAUN CHAR(4),                          /*      5202-5205     */
    3 CMDSL1 CHAR(3),                        /*      5206-5208     */
    3 CMDTR CHAR(3),                         /*      5209-5211     */
    3 COLCA1 CHAR(8),                        /*      5212-5219     */
    3 COLTA1 CHAR(8),                        /*      5220-5227     */
    3 CSBAD(5) CHAR(2),                      /*      5228-5237     */
    3 DEPOS CHAR(6),                         /*      5238-5243     */
    3 DEROS CHAR(8),                         /*      5244-5251     */
    3 LTCCA CHAR(8),                         /*      5252-5259     */
    3 LTCTA CHAR(8),                         /*      5260-5267     */
    3 SKILL(6) CHAR(2),                      /*      5268-5279     */
    3 CYLU CHAR(30),                         /*      5280-5309     */
    3 CMDSL5 CHAR(5),                        /*      5310-5314     */
    3 CMDTR5 CHAR(5),                        /*      5315-5319     */
    3 MILD(15) CHAR(2),                      /*      5320-5349     */
    3 MILDAT(15) CHAR(4),                    /*      5350-5409     */
    3 OFFER PIC '(6)9',                      /*      5410-5415     */
    3 ACCEPT PIC '(6)9',                     /*      5416-5421     */
    3 RECTYPE PIC '9',                       /*        5422        */
    3 PROTYPE PIC '9',                       /*        5423        */
    3 RECREFLG PIC '9',                      /*        5424        */
    3 PROGYY PIC '99',                       /*      5425-5426     */
    3 LOSSFLG PIC '9',                       /*        5427        */
    3 JUMPSFLG PIC '9',                      /*        5428        */
    3 JUMPSAMT PIC '(6)9',                   /*      5429-5434     */
    3 JUMPSMON PIC '999',                    /*      5435-5437     */
    3 DFASFLG CHAR(1),                       /*        5438        */
    3 DFASAMT PIC'(6)9',                     /*      5439-5444     */
    3 DFASMON PIC'999',                      /*      5445-5447     */
    3 LOSSTAFM PIC'999',                     /*      5448-5450     */
  2 FLAG,
    3 OMFLAG(1979:2000) CHAR(1),             /*      5451-5472     */
    3 DUTYFL(1970:2000) CHAR(1),             /*      5473-5503     */
    3 SEPFL(1970:2000) CHAR(1),              /*      5504-5534     */
  2 SEPH (5),               /* Repeats 5 times 5535-5669: */
    3 EADCYY4 PIC '(4)9',
    3 EADCMM PIC '99',
    3 EADCDD PIC '99',
    3 SEPDTYY4 PIC '(4)9',
    3 SEPDTMM PIC '99',
    3 SEPDTDD PIC '99',
    3 BPEDYY4 PIC '(4)9',
    3 BPEDMM PIC '99',
    3 BPEDDD PIC '99',
    3 SPD CHAR(3);
```

APPENDIX C
OSETDB Assignment History and Selection Board Data Elements

APPENDIX C

OSETDB ASSIGNMENT HISTORY AND SELECTION
BOARD DATA ELEMENTS

<u>OSETDB Data Elements from Selection Board File:</u>

BOARDTP1-
BOARDTP5

Type of Promotion Board
3 Characters
A derived field indicating the Selection Board
file of the promotion data.

Code Values:
CPT Captain Board File
MAJ Major Board File
COL Colonel Board File
LTC Lt. Colonel Board File

BOARDYR1-
BOARDYR5

Selection Board Year
4 Characters
The last two digits of the year in which the
promotion board met. Note: In 1994 the promotion
board met twice, therefore, this field contains
a '-1' or a '-2' in the last two digits of the
1994 board years (e.g. 94-1).

SELECT1-
SELECT5

Selection Board Code
1 Character
Indicates an officer's promotion selection status.

Code Values:
1   Selected
2   Not Selected

ZONE1-
ZONE5

Selection Board Zone
1 Character
Indicates the officer's promotion zone.

Code Values:
1   Below
2   In
3   Above

OSETDB Assignment History Data Elements:

The OSETDB Assignment History data elements are available from 1979 through 2000 unless otherwise indicated.

BABR(YY)   Basic Branch for Commissioned Officers
                    2 Characters
                    The branch of service in which an officer is
                    commissioned or to which he is subsequently
                    transferred or appointed.

                    Code Values:
                    AD   Air Defense Artillery
                    AG   Adjutant General's Corps
                    AN   Army Nurse Corps
                    AR   Armor
                    AV   Aviation
                    CA   Civil Affairs/Military Government
                    CE   Communications-Electronics
                    CH   Chaplains
                    CM   Chemical Corps
                    DE   Dental Corps
                    EN   Corps of Engineers
                    FA   Field Artillery
                    FI   Finance Corps
                    GA   Administrative and Graphics
                    GC   Army General Staff
                    GO   General Officers
                    IG   Inspector General
                    II   Criminal/Intelligence Invest
                    IN   Infantry
                    JA   Judge Advocate General's Corps
                    MC   Medical Corps
                    MI   Military Intelligence Branch
                    MM   Mechanical Maintenance
                    MP   Military Police Corps
                    MS   Medical Service Corps
                    NG   National Guard Bureau
                    OD   Ordnance Corps
                    PR   Professor, US Military Academy
                    QM   Quartermaster Corps
                    SC   Signal Corps
                    SF   Special Forces
                    SP   Army Medical Specialist Corps
                    SS   Staff Specialist
                    SV   Supply and Services
                    TC   Transportation Corps
                    VC   Veterinary Corps
                    WC   Rescinded

BRCD(YY)   Branch Code
                        2 Characters
                        The branch that the officer received on entry to
                        active duty or later received as a result of a
                        branch transfer. For officers on active duty prior
                        to the implementation of the Officer Personnel
                        Management System (OPMS), this field may contain a
                        functional area code.
                        NOTE: BRCD is available in 1986-2000 from the OMF
                        and in 1987-2000 from the SOMF.

                        Code Values:
                        11   Infantry
                        12   Armor
                        13   Field Artillery
                        14   Air Defense Artillery
                        15   Aviation
                        18   Special Operations
                        21   Corps of Engineers
                        23   Contract Construction Management Engineer
                        25   Signal Corps
                        27   Communication/Electronic Engineer
                        28   Training Development
                        31   Military Police Corps
                        35   Military Intelligence
                        36   Central Intelligence Humint
                        37   Electronic Warfare Crypt
                        38   Civil Affairs (Reserve Components Only)
                   40-41   Personnel Management
                        42   Adjutant General Corps
                        43   Club Management
                        44   Finance Corps
                        45   Comptroller
                        46   Public Affairs
                        47   USMA Permanent Professor
                        48   Foreign Area Officer
                        49   Operational Research/Systems Analysis
                        50   Force Development
                        51   Research and Development
                        52   Nuclear Weapons
                        53   Systems Automation Officer
                        54   Operations, Plans and Training
                        55   Legal
                        56   Chaplain
                   60-62   Medical Corps
                        63   Dental Corps
                        64   Vet Corps
                        65   Medical Specialist Corps
                        66   Army Nurse Corps
                   67-68   Medical Service Corps
                        70   Logistics Management
                        71   Aviation Mat Management
                        72   Communications/Electronics Material
                        73   Missile Mat Management

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74    Chemical Corps
75    Munitions Mat Management
76    Armament Mat Management
77    TNK/GRND Mat Management
81    Petroleum Management
82    SUBSIS Management
87    Marine and Terminal Operations
88    Highway and Rail Operations
95    Transportation Management
91    Ordnance Corps
92    Quartermaster Corps
97    Procurement
99    Combat Developments
```

CADT(YY)   Current Assignment Duty Title
                  24 Characters
                  An alpha and numeric description of the duty which
                  The officer is performing (abbreviated as required).

CAFD(YY)   Current Assignment From Date
                  6 Characters (yymmdd) 1997 OSETDB
                  8 Characters (ccyymmdd) 1998 OSETDB
                  A description of the officer's current assignment
                  from date. The from date will represent Date
                  of Entry on Active Duty in Current Tour, Reporting
                  Date or the effective date of change for a unit
                  redesignation, correction, or change in duty
                  title, as applicable.

CAL(YY)   Current Assignment Location Code
                  3 Characters
                  A code indicating the Army area and state or
                  foreign country where an officer's unit is located.
                   The first position contains the Army location
                  number 1, 3, 5-7, the last two positions contain
                  the alphabetic state abbreviation, or all 3
                  positions contain a foreign country abbreviation.
                  NOTE: CAL is available in 1979-1997 from the OMF
                  and SOMF. See CYLU98 for 1998, CYLU99 for 1999,
                  and CYLU00 for 2000.

CAUN(YY)   Current Assignment Unit Number
                  4 Characters
                  Used in conjunction with Unit Designation to
                  identify the individual's unit of assignment. The
                  codes are established by Deputy Chief of Military
                  Operations.

CELC(YY)   Civilian Education Level
                    1 Character
                    Indicates the highest level of school attended or
                    completed.

                    Code Values:
                    9   Non-high school graduate
                    8   High school graduate or General Education
                           Development Test
                    7   Less than 2 years college, non-graduate
                           (includes nurse)
                    6   2 or more years college, non-graduate
                           (includes nurse), AA degree, AD degree, 2CX
                           Test for 1948-53, or 2 years college
                           equivalency)
                    5   College graduate, baccalaureate degree from
                           accredited university
                    4   Year or more of post-graduate, no degree
                    3   Professional, for example, (M.D., D.D.S.,
                           L.L.B., C.E., S.T.B., B.TH., D.V.M., B.L.S.,
                           and O.D.)
                    2   Master's degree from accredited university
                    1   Doctoral degree from accredited university
                    A   Attending for Doctorate
                    B   Attending for Master's
                    C   Attending for Professional
                    D   Attending for Baccalaureate
                    E   Attending for Associate

CMDSL1(YY)   Troop Command Tour
                    3 Characters
                    Contains troop command assignment data for Colonel
                    level.
                    NOTE: CMDSL1 is available in 1979-1997 from the
                    OMF and SOMF. See CMDSL598 for 1998, CMDSL599 for
                    1999, and CMDSL500 for 2000.

                    Code Values:
              01   Principal Command Designee Deferred Colonel Level
                    01A   Combat Arms
                    01B   Combat Support Arms
                    01C   Logistics Troop Command
                    01D   Combat Service Support
                    01E   Project Manager
                    01F   District Engineer
                    01G   Aviation Command
                    01H   Joint Proponent Command

              02   Commanded a HQDA Command Designated Unit at the
                    Colonel Level
                    02A   Combat Arms (TOE)
                    02B   Combat Support Arms (TOE)
                    02C   Combat Service Support (TOE)

02D   Combat Service Support (TDA)
02E   District Engineer (TDA)
02F   Aviation Command (TOE)
02G   Aviation Command (TDA)
02J   Joint Command (TDA)
02K   Combat Arms (TDA)
02L   Combat Support Arms (TDA)
02P   Project Manager
02T   Training Command (TDA)

03   Principal Designee Colonel Level (Temporary Entry)
03A   Combat Army (TOE)
03B   Combat Support Arms (TOE)
03C   Combat Service Support (TOE)
03D   Combat Service Support (TDA)
03E   District Engineer (TDA)
03F   Aviation Command (TOE)
03G   Aviation Command (TDA)
03J   Joint Command (TDA)
03K   Combat Arms (TDA)
03L   Combat Support Arms (TDA)
03P   Project Manager
03T   Training Command (TDA)

04   Alternate Designee Colonel Level (Temporary Entry)
04A   Combat Arms
04B   Combat Support Arms
04C   Combat Service Support
04P   Project Manager

05   Declined Command Colonel Level
05A   Combat Arms (TOE)
05B   Combat Support Arms (TOE)
05C   Combat Service Support (TOE)
05D   Combat Service Support (TDA)
05E   District Engineer (TDA)
05F   Aviation Command (TOE)
05G   Aviation Command (TDA)
05J   Joint Command (TDA)
05K   Combat Arms (TDA)
05L   Combat Support Arms (TDA)
05P   Project Management
05T   Training Command (TDA)

06   Commanded at the LTC Level Prior to Implementation
     of HQDA Centralized Command Selection
06A   Combat Arms Troop Command (TOE)
06B   FAO (Special Forces, Psyop, Civil Affairs)
      (TOE)
06C   Aviation Command (TOE)
06D   Training Battalion Command (TOE)
06E   Combat Support Arms Troop Command (TOE)
06F   Combat Support Arms Management Command (TOE)

06G Combat Service Support Arms Troop Command
(TOE)
06H Combat Service Support Arms Management
Command(TOE)

07 Commanded a HQDA Command Designated Unit at the
LTC Level (TOE)
07A Combat Arms Troop Command (TOE)
07B FAO (Special Forces, Psyop, Civil Affairs)
(TOE)
07C Aviation Command (TOE)
07D Training Battalion Command (TOE)
07E Combat Support Arms Troop Command (TOE)
07F Combat Support Arms Management Command (TOE)
07G Combat Service Support Arms Troop Command
(TOE)
07H Combat Service Support Arms Management Command
(TOE)

08 Commanding HQDA Command Designated Unit at the LTC
Level (TOE)
08A Combat Arms Troop Command (TOE)
08B FAO (Special Forces, Psyop, Civil Affairs)
(TOE)
08C Aviation Command (TOE)
08D Training Battalion Command (TOE)
08E Combat Support Arms Troop Command (TOE)
08F Combat Support Arms Management Command (TOE)
08G Combat Service Support Arms Troop Command
(TOE)
08H Combat Service Support Arms Management
Command(TOE)

09 Principal Command Designee LTC Level (TOE)
09A Combat Arms Troop Command (TOE)
09B FAO (Special Forces, Psyop, Civil Affairs)
(TOE)
09C Aviation Command (TOE)
09D Training Battalion Command (TOE)
09E Combat Support Arms Troop Command (TOE)
09F Combat Support Arms Management Command (TOE)
09G Combat Service Support Arms Troop Command
(TOE)
09H Combat Service Support Arms Management Command
(TOE)

11 Ineligible for Command Consideration
11A Retirement
11B Separation
11C OBV
11D PR (USMA)
11E Other
11F Declined Consideration

11G   Declined Command (LTC)
11H   Relieved
11K   PAP (USMA)
11O   Former PM
11P   Declined Product Manager

12   Commanding HQDA Command Designated Unit at the
      Colonel Level
      12A   Combat Arms (TOE)
      12B   Combat Support Arms (TOE)
      12C   Combat Service Support (TOE)
      12D   Combat Service Support (TDA)
      12E   District Engineer (TDA)
      12F   Aviation Command (TOE)
      12G   Aviation Command (TDA)
      12J   Joint Command (TDA)
      12K   Combat Arms (TDA)
      12L   Combat Support Arms (TDA)
      12P   Project Manager
      12T   Training Command (TDA)

      13A   Company Level Command for Company Grade
            Officers

14   Principal Command Designee Deferred LTC Level
      14A   Combat Arms Troop Command
      14B   FAO (Special Forces, Psyop, Civil Affairs)
      14C   Aviation Command
      14D   Training Battalion Command
      14E   Combat Support Arms Troop Command
      14F   Combat Support Arms Management Command
      14G   Combat Service Support Arms Troop Command
      14H   Combat Service Support Arms Management Command
      14P   Deferred Product Manager - HQDA Centralized
            Selection

26   Commanded at the LTC Level Prior to Implementation
      of HQDA Centralized Command Selection (TDA)
      26A   Combat Arms Troop Command (TDA)
      26B   FAO (Special Forces, Psyop, Civil Affairs)
            (TDA)
      26C   Aviation Command (TDA)
      26D   Training Battalion Command (TDA)
      26E   Combat Support Arms Troop Command (TDA)
      26F   Combat Support Arms Management Command (TDA)
      26G   Combat Service Support Arms Troop Command
            (TDA)
      26H   Combat Service Support Arms Management Command
            (TDA)
      26P   Product Manager (PM) Prior to HQDA Centralized
            Command Selection

27   Commanded a HQDA Command Designated Unit at
      the LTC Level (TDA)
      27A   Combat Arms Troop Command (TDA)
      27B   FAO (Special Forces, Psyop, Civil Affairs)
           (TDA)
      27C   Aviation Command (TDA)
      27D   Training Battalion Command (TDA)
      27E   Combat Support Arms Troop Command (TDA)
      27F   Combat Support Arms Management Command (TDA)
      27G   Combat Service Support Arms Troop Command
           (TDA)
      27H   Combat Service Support Arms Management Command
           (TDA)
      27P   Former Product Manager - HQDA Centralized
           Selection (TDA)

28   Commanding HQDA Command Designated Unit at the LTC
      Level (TDA)
      28A   Combat Arms Troop Command (TDA)
      28B   FAO (Special Forces, Psyop, Civil Affairs)
           (TDA)
      28C   Aviation Command (TDA)
      28D   Training Battalion Command (TDA)
      28E   Combat Support Arms Troop Command (TDA)
      28F   Combat Support Arms Management Command (TDA)
      28G   Combat Service Support Arms Troop Command
           (TDA)
      28H   Combat Service Support Arms Management Command
           (TDA)
      28P   Serving Product Manager - HQDA Centralized
           Selection (TDA)

29   Principal Command Designee LTC Level (TDA)
      29A   Combat Arms Troop Command (TDA)
      29B   FAO (Special Forces, Psyop, Civil Affairs)
           (TDA)
      29C   Aviation Command (TDA)
      29D   Training Battalion Command (TDA)
      29E   Combat Support Arms Troop Command (TDA)
      29F   Combat Support Arms Management Command (TDA)
      29G   Combat Service Support Arms Troop Command
           (TDA)
      29H   Combat Service Support Arms Management Command
           (TDA)
      29P   Designee Product Manager - HQDA Centralized
           Selection (TDA)

CMDSL598   Troop Command Tour
CMDSL599   5 Characters
CMDSL500   Contains troop command assignment data for Colonel
level.
NOTE: CMDSL5yy is available in 1998-2000 from the
OMF and SOMF. See CMDSL1(YY) for 1979-1997.

CMDTR(YY)   Troop Command Tour
                     3 Characters
                     Contains troop command assignment data for Lt.
                     Colonel level.
                     NOTE: CMDTR is available in 1980-1997 from the OMF
                     and SOMF. See CMDTR598 for 1998, CMDTR599 for
                     1999, and CMDTR500 for 2000.

                     Code Values:
                     Refer to data element CDMSL1 for the 1979-1997
                     code values.

CMDTR598   Troop Command Tour
CMDTR599   5 Characters
CMDTR500   Contains troop command assignment data for Lt.
                     Colonel level.
                     NOTE: CMDTR5yy is available in 1998-2000 from the
                     OMF and SOMF. See CMDTR(YY) for 1979-1997.

COLCA1(YY)   Troop Command Date Terminated Assignment
                     8 Characters (ccyymmdd)
                     The date an individual completed serving in a
                     Colonel level command position.
                     NOTE: COLCA1 is available in 1983-2000 from the
                     OMF and SOMF.

COLTA1(YY)   Troop Command Date Commenced Assignment
                     8 Characters (ccyymmdd)
                     The date an individual began serving in a
                     Colonel level command position.
                     NOTE: COLTA1 is available in 1983-2000 from the
                     OMF and SOMF.

CPPN(YY)   Current Procurement Program Number
                     2 Characters
                     An identification of the source from which
                     commissioned or appointed, or the reason for return
                     to the active army once separated or dropped from
                     the rolls. The code values for this data element
                     can be obtained from Army Regulation AR 601-110 and
                     the OMF Users Information Manual.

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CSBAD1(YY)  -     Combat and Special Skill Badges
CSBAD5(YY)        2 Characters
                  A recognition to denote proficiency in performance
                  of duties under hazardous conditions and
                  circumstances of extraordinary hardship as well as
                  special qualifications and successful completion
                  of prescribed courses of training.
                  NOTE: CSBAD1-CSBAD5 are available in 1986-2000
                  from the OMF and SOMF.

                  Code Values:
                  CI    Combat Infantryman Badge
                  EI    Expert Infantryman Badge
                  CM    Combat Medical Badge
                  EM    Expert Field Medical Badge
                  MP    Master Parachutist Badge (Group 1)
                  SP    Senior Parachutist Badge (Group 1)
                  PC    Parachutist Badge (Group 1)
                  MA    Master Army Aviator (Group 2)
                  SA    Senior Army Aviator (Group 2)
                  AV    Army Aviator (Group 2)
                  FN    Naval Flight Officer Insignia
                  MS    Master Flight Surgeon (Group 3)
                  SS    Senior Flight Surgeon (Group 3)
                  FS    Flight Surgeon (Group 3)
                  MD    Master Diver (Group 4)
                  FC    First-Class Diver (Group 4)
                  SL    Salvage Diver (Group 4)
                  SC    Second-Class Diver (Group 4)
                  SD    Scuba Diver (Group 4)
                  ND    Naval Diving Officer Insignia (Group 4)
                  ME    Master Explosive Ordnance Disposal (Group 5)
                  SE    Senior Explosive Ordnance Disposal (Group 5)
                  ED    Explosive Ordnance Disposal (Group 5)
                  GB    Glider Badge
                  PF    Pathfinder Badge
                  AA    Air Assault Badge
                  MC    Master Aircraft Crewman (Group 6)
                  SB    Senior Aircraft Crewman (Group 6)
                  AC    Aircraft Crewman (Group 6)
                  NA    U.S. Navy Aircrew Insignia (Group 6)
                  NC    Nuclear Reactor, Reactor Commander (Group 7)
                  NP    Nuclear Reactor, Plant Supervisor (Group 7)
                  SN    Nuclear Reactor, Shift Supervisor (Group 7)
                  NF    Nuclear Reactor, First Class (Group 7)
                  NS    Nuclear Reactor, Second Class (Group 7)
                  NB    Nuclear Reactor, Basic (Group 7)
                  AM    Air Force Missile Badge
                  RT    Ranger Tab
                  SF    Special Forces Tab
                  DM    Driver and Mechanic Badge
                  IS    U.S. Distinguished International Shooter Badge
                  DR    Distinguished Rifleman Badge
                  PS    Distinguished Pistol Shot Badge
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ER	Excellence in Competition Badge, Rifleman
EP	Excellence in Competition Badge, Pistol
PH	President's Hundred Tab
FA	Air Force Flight Nurse Badge
FB	Air Force Navigator/Observer Badge
FD	Air Force Master Space Badge
FE	Air Force Senior Space Badge
FF	Air Force Basic Space Badge
FG	USAF Security Police Qualification Badge, Basic
FH	USAF Air Weapons Controller Badge
FI	USAF Air Traffic Controller Badge, Master
FJ	USAF Air Traffic Controller Badge, Senior
FK	USAF Air Traffic Controller Badge, Basic
FL	Air Force Senior Dental Badge
FM	USAF Security Police Qualification Badge, Senior
FP	Air Force Pilot Badge, Basic
FR	USAF Security Police Qualification Badge, Master
NI	U.S. Navy Submarine Insignia
NM	U.S. Navy Diving (Medical) Insignia
NW	Naval Special Warfare Insignia
PI	U.S. Navy Parachute Insignia
PR	Parachute Rigger Badge
DP	U.S. Navy Nuclear Missile Submarine Deterrent Patrol Insignia

CYLU98   Current Assignment Location Code
CYLU99   30 Characters
CYLU00   The Army area and state or foreign country where
          an officer's unit is located.
          NOTE: CYLUyy is available in 1998-2000 from the
          OMF and SOMF. See CAL(YY) for 1979-1997.

DEPOS(YY)   Year-Month Departed for Overseas Tour
             6 Characters (ccyymm)
             The year and month an officer departed from a
             port in the continental U.S. (CONUS) to overseas
             for a new assignment.

DEROS(YY)   Date Eligible for Return from Overseas
             8 Characters (ccyymmdd)
             The date the individual will become eligible
             to return to continental U.S. (CONUS) or
             non-CONUS area of residence from overseas service.

FACD(YY)	Functional Area Code
	2 Characters
	The additional designated specialty in which an officer will be managed and developed under the Officer Personnel Management System (OPMS). For officers on active duty prior to the implementation of the revised OPMS, this field may contain a Branch code. Refer to data element BRCD for the code values.
	NOTE: FACD is available in 1986-2000 from the OMF and in 1987-2000 from the SOMF.

FAST1(YY) & FAST3(YY)	Foreign Area Officer Program - #1 and #2 Status Code
	1 Character
	The competency of an officer in the Foreign Area Officer Program (FAO).
	NOTE: FAST1 is available in 1979-1997 from the OMF and SOMF. FAST3 is available in 1983-1997 from the OMF and SOMF.

Code Values:

1   Identified for Future Training or Assignment
2   In FAO Regional Training
3   Partially Qualified
4   Fully Qualified
9   Deletion

FAST2(YY) & FAST4(YY)	Foreign Area Officer Program - #1 and #2 Country Specialized
	2 Characters
	The country in which an officer specialized in the Foreign Area Officer Program (FAO).
	NOTE: FAST2 is available in 1979-1997 from the OMF and SOMF. FAST4 is available in 1983-1997 from the OMF and SOMF.

Code Values:

4A   Africa, South of Sahara
4C   West Europe
4E   Russia/East Europe
4G   Middle East/North Africa
4K   Latin America
4M   China
4N   Northeast Asia
4Q   South Asia
4R   Southeast Asia
4Y   International Military Affairs
4Z   Area Unspecified

HEIGT(YY)   Physical Data - Height
                   2 Numeric
                   The stature of the officer measured in inches.

LTCCA(YY)   Troop Command Date Commenced Assignment
                   8 Characters (ccyymmdd)
                   The date an individual began serving in a Lt.
                   Colonel level command position.
                   NOTE: LTCCA is available in 1983-2000 from the OMF
                   and SOMF.

LTCTA(YY)   Troop Command Date Terminated Assignment
                   8 Characters (ccyymmdd)
                   The date an individual completed serving in a
                   Lt. Colonel level command position.
                   NOTE: LTCTA is available in 1983-2000 from the OMF
                   and SOMF.

MARST(YY)   Marital Status
                   1 Character
                   The legal status of an individual as it relates to
                   marriage.

                   Code Values:
                   A   Annulled
                   D   Divorced
                   I   Interlocutory
                   J   Married to a Service Member
                   L   Legally Separated
                   M   Married
                   S   Single
                   W   Widowed

MEL(YY)   Military Education Level
                   1 Character
                   Indicates the highest Military Schooling Credit
                   (attended, non-resident or constructive) attained
                   during the officer's current status only (i.e., as
                   a commissioned officer). Also included are
                   commissioned officers selected to attend Senior
                   Service Schools.

                   Code Values:
                   1   Senior Service College Graduate (includes
                          Foreign SSC, Army War College, Corresponding
                          Studies, SSC Selectee for the next class and
                          Constructive Credit Awards)
                   2   Senior Service College Resident Selectee -
                          but Deferred (Foreign and US)
                   3   Army War College Corresponding Studies -

Selectee
4   Staff College Level Graduate (includes electee for the next class, Resident, Non-resident, Constructive Credit, and Foreign Schools)
5   Staff College Level Selectee - but Deferred Graduate
6   Branch Advanced Course Graduate (Resident or Non-Resident)
7   Branch Basic Course Graduate (Resident or Non-Resident)
8   Specialist Course Graduate (Resident or Non-Resident)
9   Negative
L   Combined Arms and Service Staff School (CAS3) Phase I-Enrollee
M   Combined Arms and Service Staff School (CAS3) Phase I-Completed
N   Combined Arms and Service Staff School (CAS3)
A   Warrant Officer Senior Course (attended/constructive credit)
B   Warrant Officer Advanced Course (attended/constructive credit)
C   Warrant Officer Entry Course (attended/constructive credit)
D   Warrant Officer Functional or Skill Refinement Course (attended/constructive) credit)
E   Negative
F   Warrant Officer Senior Course (deferred)
G   Warrant Officer Senior Course (Non-Resident Enrollee)
H   Warrant Officer Advanced Course (Non-Resident Enrollee)
S   C&GSC (Non-Resident Enrollee
T   Advanced Course Non-Resident Enrollee
Y   None

| MILD1 -
MILD15 | Military Decorations |
| | 2 Characters |

A medal, badge, or device, to be worn on the
military uniform, awarded to a service member
by a U.S. Armed Force for specific act or acts
of gallant or meritorious service.
NOTE: MILD1-MILD15 do not repeat for the 1979-2000
year segments because the data are cumulative
over time. The fields were available in 1983-2000
from the OMF and in 1984-2000 from the SOMF.

Code Values:
MH	Medal of Honor
DX	Distinguished Service Cross
DS	Defense Distinguished Service Medal
NX	Navy Cross
FC	Air Force Cross
DM	Distinguished Service Medal
SS	Silver Star
SU	Defense Superior Service Medal
LM	Legion of Merit
DF	Distinguished Flying Cross
MS	Soldier's Medal
CG	Coast Guard Medal
NM	Navy and Marine Corps Medal
AM	Airman's Medal
BS	Bronze Star Medal
BV	Bronze Star Medal with Combat Distinguishing Device "V"
PH	Purple Heart
MR	Defense Meritorious Service Medal
MM	Meritorious Service Medal
AS	Air Medal
AD	Air Medal with Combat Distinguishing Device "V"
JS	Joint Service Commendation Medal
JV	Joint Service Commendation Medal with Combat Distinguishing Device "V"
CA	Army Commendation Medal
AV	Army Commendation Medal with Combat Distinguishing Device "V"
JA	Joint Service Achievement Medal
CN	Navy Commendation Medal
NV	Navy Commendation Medal with Combat Distinguishing Device "V"
MA	Army Achievement Medal
NA	Navy Achievement Medal
CF	Air Force Commendation Medal
CC	Coast Guard Commendation Medal
AC	Air Force Achievement Medal
CM	Coast Guard Achievement Medal
CR	Combat Action Ribbon

MILDAT1 -   Military Decoration Year (derived)
MILDAT15   4 Characters (ccyy)
                The year a military decoration was awarded. This
                data element was derived by assigning the year
                of the OMF or SOMF file in which the military
                decoration first appeared.
                NOTE: These data elements do not repeat for
                the 1979 through 2000 year segments.

NODA(YY)   Number of Adult Dependents
                2 Numeric
                The number of persons, 21 years of age or older,
                (includes spouse) who are authorized dependents of
                the sponsor.

                Code Values:
                0   No Adult Dependents
                1-99 Number of Adult Dependents

NOADC(YY)   Number of Dependent Children
                2 Numeric
                The number of persons, under 21 years of age, who
                are authorized dependents of the sponsor.

                Code Values:
                0   No Child Dependents
                1-99 Number of Child Dependents

OPP(YY)   Officer Promotion Potential Code
                1 Character
                A code to indicate the officer's potential for
                promotion to the next higher grade.
                NOTE: OPP is available in 1983-1991 from the OMF
                and SOMF.

                Code Values:
                P   Officer has Promotion Potential
                R   Officer is a Promotion Risk

OPPDTE   Officer Promotion Potential Date
                6 Characters (ccyymm)
                The date the officer's potential for
                promotion to the next higher grade was last
                updated.
                NOTE: OPPDTE is available in 1983-2000 from the OMF
                and SOMF.

PPPN(YY)   Previous Procurement Program Number
                    2 Characters
                    The original Procurement Program Number of officers
                    who have been integrated into the Regular Army from
                    another component while on active duty. The code
                    values for this data element can be obtained from
                    Army Regulation AR 601-110 and the OMF Users
                    Information Manual.

SKILL1(YY) -   Skills
SKILL6(YY)   2 Characters
                    Identifies specialized skills possessed by the
                    officer which may be related to more than one
                    branch or functional area. Refer to AR 611-101
                    for code values.
                    NOTE: SKILL1-SKILL6 are available in 1986-2000
                    from the OMF and in 1987-2000 from the SOMF.

TGPGC(YY)   Temporary Grade/Promotable Grade Code
                    1 Character
                    The grade code of an officer who is in a promotable
                    status.

                    Code Values:
                    A   Promotable grade code for G A, GEN, LTG, M G,
                          and B G
                    B   Promotable grade code for COL
                    C   Promotable grade code for LTC
                    D   Promotable grade code for MAJ
                    E   Promotable grade code for CPT
                    F   Promotable grade code for 1LT
                    G   Promotable grade code for 2LT
                    U   Promotable grade code for CW4
                    V   Promotable grade code for CW3
                    W   Promotable grade code for CW2
                    X   Promotable grade code for WO1

TGRA(YY)   Temporary Grade
                    6 Characters
                    A field containing the standard grade abbreviation
                    of the temporary grade held by an officer. This
                    data element is the last or current rank for the
                    officer. The date on which this rank was achieved
                    is stored in the data element TDOR. It is not
                    reflected in the promotion history data elements.

                    Code Values:
                    G A   General of the Army
                    GEN   General
                    LTG   Lieutenant General
                    M G   Major General

```
B G   Brigadier General
COL   Colonel
LTC   Lieutenant Colonel
MAJ   Major
CPT   Captain
1LT   First Lieutenant
2LT   Second Lieutenant
UNK   Unknown
```

UUIC(YY) Parent Unit Designator and Descriptive Designator
5 Characters
Represents the U.S. Army Reserve or National Guard
unit which was called up for Active Duty during
mobilization. Used to identify officers who
entered active duty when their particular Reserve
or National Guard units were activated under
emergency mobilization. See AR 18-50-11 for code
values.
NOTE: UUIC is available in 1981-2000 from the OMF
and SOMF.

WEIGT(YY) Physical Data - Weight
3 Numeric
The number of pounds an officer weighs.

APPENDIX D
Record Layout of Flat OSETDB Data Sets

APPENDIX D

RECORD LAYOUT OF FLAT OSETDB DATA SETS

1999 OSETDB

STARTING POSITION	VARIABLE	LENGTH	
1	IDNUM	$ 10	
12	ETSTSTMM	$ 2	/* ETS DATA */
14	ETSTSTYY	$ 2	
16	ETSEDLEV	$ 2	
18	ETSVERB	3	
21	ETSMATH	3	
24	ETSREAD	2	
26	ETSVOCAB	2	
28	ETSTSWE	$ 3	
31	ETSTST	$ 4	
35	ETSYEAR	$ 4	
39	OFFRYY	$ 2	/* VSI DATA */
41	OFFRMM	$ 2	
43	OFFRDD	$ 2	
45	ACPTYY	$ 2	
47	ACPTMM	$ 2	
49	ACPTDD	$ 2	
51	RECTYP	$ 1	
52	PROTYP	$ 1	
53	REPFLG	$ 1	
54	PROGFY	$ 2	
56	LOSFLG	$ 1	
57	JMPFLG	$ 1	
58	JMPAMT	6	
64	JMPMON	3	
67	DFASFLG	$ 1	
68	DFASAMT	6	
74	DFASMON	3	
77	LOSSTAFM	3	
80	ACTSTATE	$ 4	/* ACT DATA */
84	ACTZIP	$ 5	
89	ACTSEX	$ 2	
91	ACTCLASS	$ 2	
93	ACTDOB	$ 6	
117	ACTCNTY	$ 17	
137	ACTPADDR	$ 1	
181	ACTOENG	2	
183	ACTOMATH	2	
185	ACTOSOC	2	
187	ACTOSCI	2	
189	ACTOCOMP	2	
211	ACTHSGAE	$ 1	
212	ACTHSGAM	$ 1	
213	ACTHSGAS	$ 1	
214	ACTHSGAN	$ 1	

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STARTING POSITION	VARIABLE	LENGTH	
215	ACTHSGNE	$ 1	
216	ACTHSGNM	$ 1	
217	ACTHSGNS	$ 1	
218	ACTHSGNN	$ 1	
219	ACTGRNUM	$ 1	
223	ACTGRDYY	$ 2	
233	ACTTSTMM	$ 2	
235	ACTTSTYY	$ 2	
249	ACTTYPE	$ 1	
261	ACTENG	2	
263	ACTMATH	2	
269	ACTCOMP	2	
272	ACTSUM	3	
281	ACTIISCI	2	
285	ACTIIART	2	
289	ACTIISOC	2	
293	ACTIICON	2	
297	ACTIIBUS	2	
301	ACTIITEC	2	
303	ACTMAJI	2	
305	ACTMAJII	2	
307	ACTREGN	$ 2	
311	ACTCOLCH	$ 1	
316	ACTCOLLG	$ 4	
369	ACTIPSCI	2	
371	ACTIPART	2	
373	ACTIPSOC	2	
375	ACTIPCON	2	
377	ACTIPBUS	2	
379	ACTIPTEC	2	
401	ACTENROL	$ 1	/* STUDENT PROFILE */
402	ACTATTND	$ 1	/* SECTION */
403	ACTENTER	$ 1	
404	ACTLIVE	$ 1	
405	ACTMARRY	$ 1	
406	ACTCITIZ	$ 1	
407	ACTRES	$ 1	
408	ACTDISAB	$ 1	
409	ACTMILT	$ 1	
410	ACTCREDT	$ 1	
411	ACTCMAJ	$ 3	
414	ACTVOC1	$ 3	
417	ACTVOC2	$ 3	
420	ACTSUREM	$ 1	
421	ACTSUREV	$ 1	
422	ACTEDLEV	$ 1	
423	ACTESTGR	$ 1	
424	ACTROTC	$ 1	
425	ACTHELP1 - ACTHELP6	$ 1	(EACH)
431	ACTINDEP	$ 1	

D-2

STARTING POSITION	VARIABLE	LENGTH
432	ACTHONOR	\$ 1
433	ACTFORGN	\$ 1
434	ACTADENG	\$ 1
435	ACTADMTH	\$ 1
436	ACTADSOC	\$ 1
437	ACTADSCI	\$ 1
438	ACTADFR	\$ 1
439	ACTADGER	\$ 1
440	ACTADSP	\$ 1
441	ACTADLAN	\$ 1
442	ACTCRENG	\$ 1
443	ACTCRMTH	\$ 1
444	ACTCRSOC	\$ 1
445	ACTCRSCI	\$ 1
446	ACTINSTR	\$ 1
447	ACTMUSIC	\$ 1
448	ACTGOVT	\$ 1
449	ACTPUBS	\$ 1
450	ACTDEBAT	\$ 1
451	ACTCLUBS	\$ 1
452	ACTDRAMA	\$ 1
453	ACTRELOR	\$ 1
454	ACTETHOR	\$ 1
455	ACTINATH	\$ 1
456	ACTVRATH	\$ 1
457	ACTPOLIT	\$ 1
458	ACTRADIO	\$ 1
459	ACTFRAT	\$ 1
460	ACTSPINT	\$ 1
461	ACTSVC	\$ 1
462	ACTFAID	\$ 1
463	ACTWORK	\$ 1
464	ACTWRKHR	\$ 1
465	ACTINCOM	\$ 1
466	ACTPOPUL	\$ 1
467	ACTSIBS	\$ 1
468	ACTRELIG	\$ 1
469	ACTFAR	\$ 1
470	ACTENGSP	\$ 1
471	ACTETHNC	\$ 1
472	ACTCTYPE	\$ 1
473	ACTCOED	\$ 1
474	ACTSTAT1 - ACTSTAT5	\$ 2 (EACH)
484	ACTTUITN	\$ 1
485	ACTSIZE	\$ 1
486	ACTINTYP	\$ 1
487	ACTINBDY	\$ 1
488	ACTINLOC	\$ 1
489	ACTINTUI	\$ 1
490	ACTINSIZ	\$ 1

STARTING POSITION	VARIABLE	LENGTH
491	ACTINMAJ	$ 1
492	ACTINOTH	$ 1
493	ACTHSTYP	$ 1
494	ACTHSSIZ	$ 1
495	ACTHSRAC	$ 1
496	ACTHSRNK	$ 1
497	ACTHSOAV	$ 1
498	ACTHSCRS	$ 1
499	ACTENGYR	$ 1
500	ACTMTHYR	$ 1
501	ACTSOCYR	$ 1
502	ACTSCIYR	$ 1
503	ACTSPYR	$ 1
504	ACTGERYR	$ 1
505	ACTFRYR	$ 1
506	ACTLANYR	$ 1
507	ACTBUSYR	$ 1
508	ACTVOCYR	$ 1
509	ACTHSENG	$ 1
510	ACTHSMTH	$ 1
511	ACTHSSOC	$ 1
512	ACTHSSCI	$ 1
513	ACTHSLAN	$ 1
514	ACTEXT1 - ACTEXT16	$ 1 (EACH)
530	ACTLEAD1 - ACTLEAD7	$ 1 (EACH)
537	ACTMUSC1 - ACTMUSC7	$ 1 (EACH)
544	ACTSPCH1 - ACTSPCH7	$ 1 (EACH)
551	ACTART1 - ACTART7	$ 1 (EACH)
558	ACTWRIT1 - ACTWRIT7	$ 1 (EACH)
565	ACTSCI1 - ACTSCI7	$ 1 (EACH)
572	ACTATHL1 - ACTATHL7	$ 1 (EACH)
579	ACTSVC1 - ACTSVC7	$ 1 (EACH)
586	ACTWORK1 - ACTWORK7	$ 1 (EACH)
593	ACTEXP1 - ACTEXP11	$ 1 (EACH)
604	ACTEXPAQ	$ 1
605	ACTEOS	$ 1
606	ACTOCA1 - ACTOCA9	$ 1 (EACH)
615	ACTTST	$ 4

STARTING POSITION	VARIABLE	LENGTH	
619	DOB	$ 8	/* CORE DATA */
627	SEX	$ 1	
628	TGRA	$ 3	
631	TDOR	$ 8	
639	BPED	$ 8	
647	EADC	$ 8	
655	DTRA	$ 8	
663	SOC	$ 1	
664	SEPDT	$ 8	
672	SPD	$ 3	
675	BABR	$ 2	
677	BRCD	$ 2	
679	FACD	$ 2	
681	UUIC	$ 5	
686	REDCAT	$ 1	
687	ETHGP	$ 1	
688	BYRGP	$ 4	
692	PHDT1 - PHDT10	$ 8	(EACH)
772	CELC	$ 1	
773	MEL	$ 1	
774	RCEAS1 - RCEAS3	$ 3	(EACH)
783	MARST	$ 1	
784	DEPS	2	
786	NODA	2	
788	COMPT	$ 1	
789	CURSA	$ 1	
790	COBO	$ 2	
792	ORAPT	$ 1	
793	CPPN	$ 2	
795	PPPN	$ 2	
797	TGPGC	$ 1	
798	BRAOC1	$ 1	
799	FAAOC1	$ 1	
800	MEDN3	$ 4	
804	MED1A	$ 6	
810	MED2A	$ 2	
812	MED3A	$ 4	
816	MED4A	$ 2	
818	MED3B	$ 4	
822	MABC3A	$ 4	
826	MABC3B	$ 4	
830	MEDMO2	$ 2	
832	MEDMO3	$ 3	
835	MDMO32	$ 3	
838	MDMO22	$ 2	
840	MDGRDYY	$ 4	
844	MDGRDMM	$ 2	
846	MDGRDDD	$ 2	

STARTING POSITION	VARIABLE	LENGTH
848	OMFLAG79 - OMFLAG99	$ 1 (EACH)
869	DUTYFL70 - DUTYFL99	$ 1 (EACH)
899	SEPFL70 - SEPFL99	$ 1 (EACH)
929	PROMO1 - PROMO9	10.2 (EACH)
1019	ACTYEAR	$ 4
1023	FLAGACT	$ 1
1024	FLAGETS	$ 1
1025	MILD1 - MILD15	$ 2 (EACH)
1055	MILDAT1 - MILDAT15	$ 4 (EACH)

/*   OADB YEAR SECTION REPEATS 21 TIMES - 1979 thru 1999   */

1115	TGRA	$ 3 /* OADB 1979 */
1118	TGPGC	$ 1
1119	CPPN	$ 2
1121	PPPN	$ 2
1123	MEL	$ 1
1124	CELC	$ 1
1125	MARST	$ 1
1126	NODA	2
1128	NOADC	2
1130	FACD	$ 2
1132	BABR	$ 2
1134	BRCD	$ 2
1136	CAFD	$ 8
1144	CAUN	$ 4
1148	CAL	$ 3
1151	CADT	$ 24
1175	CMDTR	$ 3
1178	LTCCA	$ 8
1186	LTCTA	$ 8
1194	CMDSL1	$ 3
1197	COLCA1	$ 8
1205	COLTA1	$ 8
1213	DEPOS	$ 6
1219	DEROS	$ 8
1227	CSBAD1 - CSBAD5	$ 2 (EACH)
1237	SKILL1 - SKILL6	$ 2 (EACH)
1249	HEIGT	2
1251	WEIGT	3
1254	FAST1	$ 1
1255	FAST2	$ 2
1257	FAST3	$ 1

STARTING POSITION	VARIABLE	LENGTH	
1258	FAST4	$ 2	/* OADB 1979 */
1260	OPP	$ 1	/* CONTINUED */
1261	OPPDTE	$ 6	
1267	UUIC	$ 5	

/*   THE 1979 OADB VARIABLES REPEAT FOR 1980 THRU 1999   */

1272	OADB 1980	157	
1429	OADB 1981	157	
1586	OADB 1982	157	
1743	OADB 1983	157	
1900	OADB 1984	157	
2057	OADB 1985	157	
2214	OADB 1986	157	
2371	OADB 1987	157	
2528	OADB 1988	157	
2685	OADB 1989	157	
2842	OADB 1990	157	
2999	OADB 1991	157	
3156	OADB 1992	157	
3313	OADB 1993	157	
3470	OADB 1994	157	
3627	OADB 1995	157	
3784	OADB 1996	157	
3941	OADB 1997	157	
4098	OADB 1998	157	
4255	CYLU98	$30	
4285	CMDTR598	$ 5	
4290	CMDSL598	$ 5	
4295	OADB 1999	157	
4452	CYLU99	$30	
4482	CMDTR599	$ 5	
4487	CMDSL599	$ 5	
4492	BOARDTP1	$ 3	/* SELECTION */
4495	BOARDTP2	$ 3	/* BOARD DATA */
4498	BOARDTP3	$ 3	
4501	BOARDTP4	$ 3	
4504	BOARDTP5	$ 3	
4507	BOARDYR1	$ 4	
4511	BOARDYR2	$ 4	
4515	BOARDYR3	$ 4	
4519	BOARDYR4	$ 4	
4523	BOARDYR5	$ 4	
4527	SELECT1	$ 1	
4528	SELECT2	$ 1	
4529	SELECT3	$ 1	
4530	SELECT4	$ 1	
4531	SELECT5	$ 1	

STARTING POSITION	VARIABLE	LENGTH
4532	ZONE1	$ 1
4533	ZONE2	$ 1
4534	ZONE3	$ 1
4535	ZONE4	$ 1
4536	ZONE5	$ 1

NOTE: THE DOLLAR SIGN ($) SYMBOL PRECEEDING THE LENGTH OF THE
VARIABLE INDICATES THAT THE VARIABLE IS DEFINED AS A CHARACTER
VALUE IN THE SAS VERSION OF THE OSETDB.

2000 OSETDB

STARTING POSITION	VARIABLE	LENGTH	
1	IDNUM	$ 10	
12	ETSTSTMM	$ 2	/* ETS DATA */
14	ETSTSTYY	$ 2	
16	ETSEDLEV	$ 2	
18	ETSVERB	3	
21	ETSMATH	3	
24	ETSREAD	2	
26	ETSVOCAB	2	
28	ETSTSWE	$ 3	
31	ETSTST	$ 4	
35	ETSYEAR	$ 4	
39	OFFRYY	$ 2	/* VSI DATA */
41	OFFRMM	$ 2	
43	OFFRDD	$ 2	
45	ACPTYY	$ 2	
47	ACPTMM	$ 2	
49	ACPTDD	$ 2	
51	RECTYP	$ 1	
52	PROTYP	$ 1	
53	REPFLG	$ 1	
54	PROGFY	$ 2	
56	LOSFLG	$ 1	
57	JMPFLG	$ 1	
58	JMPAMT	6	
64	JMPMON	3	
67	DFASFLG	$ 1	
68	DFASAMT	6	
74	DFASMON	3	
77	LOSSTAFM	3	
80	ACTSTATE	$ 4	/* ACT DATA */
84	ACTZIP	$ 5	
89	ACTSEX	$ 2	
91	ACTCLASS	$ 2	
93	ACTDOB	$ 6	
117	ACTCNTY	$ 17	
137	ACTPADDR	$ 1	
181	ACTOENG	2	
183	ACTOMATH	2	
185	ACTOSOC	2	
187	ACTOSCI	2	
189	ACTOCOMP	2	
211	ACTHSGAE	$ 1	
212	ACTHSGAM	$ 1	
213	ACTHSGAS	$ 1	
214	ACTHSGAN	$ 1	

STARTING POSITION	VARIABLE	LENGTH	
215	ACTHSGNE	$ 1	
216	ACTHSGNM	$ 1	
217	ACTHSGNS	$ 1	
218	ACTHSGNN	$ 1	
219	ACTGRNUM	$ 1	
223	ACTGRDYY	$ 2	
233	ACTTSTMM	$ 2	
235	ACTTSTYY	$ 2	
249	ACTTYPE	$ 1	
261	ACTENG	2	
263	ACTMATH	2	
269	ACTCOMP	2	
272	ACTSUM	3	
281	ACTIISCI	2	
285	ACTIIART	2	
289	ACTIISOC	2	
293	ACTIICON	2	
297	ACTIIBUS	2	
301	ACTIITEC	2	
303	ACTMAJI	2	
305	ACTMAJII	2	
307	ACTREGN	$ 2	
311	ACTCOLCH	$ 1	
316	ACTCOLLG	$ 4	
369	ACTIPSCI	2	
371	ACTIPART	2	
373	ACTIPSOC	2	
375	ACTIPCON	2	
377	ACTIPBUS	2	
379	ACTIPTEC	2	
401	ACTENROL	$ 1	/* STUDENT PROFILE */
402	ACTATTND	$ 1	/* SECTION */
403	ACTENTER	$ 1	
404	ACTLIVE	$ 1	
405	ACTMARRY	$ 1	
406	ACTCITIZ	$ 1	
407	ACTRES	$ 1	
408	ACTDISAB	$ 1	
409	ACTMILT	$ 1	
410	ACTCREDT	$ 1	
411	ACTCMAJ	$ 3	
414	ACTVOC1	$ 3	
417	ACTVOC2	$ 3	
420	ACTSUREM	$ 1	
421	ACTSUREV	$ 1	
422	ACTEDLEV	$ 1	
423	ACTESTGR	$ 1	
424	ACTROTC	$ 1	
425	ACTHELP1 - ACTHELP6	$ 1	(EACH)
431	ACTINDEP	$ 1	

STARTING POSITION	VARIABLE	LENGTH	
432	ACTHONOR	$ 1	
433	ACTFORGN	$ 1	
434	ACTADENG	$ 1	
435	ACTADMTH	$ 1	
436	ACTADSOC	$ 1	
437	ACTADSCI	$ 1	
438	ACTADFR	$ 1	
439	ACTADGER	$ 1	
440	ACTADSP	$ 1	
441	ACTADLAN	$ 1	
442	ACTCRENG	$ 1	
443	ACTCRMTH	$ 1	
444	ACTCRSOC	$ 1	
445	ACTCRSCI	$ 1	
446	ACTINSTR	$ 1	
447	ACTMUSIC	$ 1	
448	ACTGOVT	$ 1	
449	ACTPUBS	$ 1	
450	ACTDEBAT	$ 1	
451	ACTCLUBS	$ 1	
452	ACTDRAMA	$ 1	
453	ACTRELOR	$ 1	
454	ACTETHOR	$ 1	
455	ACTINATH	$ 1	
456	ACTVRATH	$ 1	
457	ACTPOLIT	$ 1	
458	ACTRADIO	$ 1	
459	ACTFRAT	$ 1	
460	ACTSPINT	$ 1	
461	ACTSVC	$ 1	
462	ACTFAID	$ 1	
463	ACTWORK	$ 1	
464	ACTWRKHR	$ 1	
465	ACTINCOM	$ 1	
466	ACTPOPUL	$ 1	
467	ACTSIBS	$ 1	
468	ACTRELIG	$ 1	
469	ACTFAR	$ 1	
470	ACTENGSP	$ 1	
471	ACTETHNC	$ 1	
472	ACTCTYPE	$ 1	
473	ACTCOED	$ 1	
474	ACTSTAT1 - ACTSTAT5	$ 2	(EACH)
484	ACTTUITN	$ 1	
485	ACTSIZE	$ 1	
486	ACTINTYP	$ 1	
487	ACTINBDY	$ 1	
488	ACTINLOC	$ 1	
489	ACTINTUI	$ 1	
490	ACTINSIZ	$ 1	

STARTING POSITION	VARIABLE	LENGTH
491	ACTINMAJ	$ 1
492	ACTINOTH	$ 1
493	ACTHSTYP	$ 1
494	ACTHSSIZ	$ 1
495	ACTHSRAC	$ 1
496	ACTHSRNK	$ 1
497	ACTHSOAV	$ 1
498	ACTHSCRS	$ 1
499	ACTENGYR	$ 1
500	ACTMTHYR	$ 1
501	ACTSOCYR	$ 1
502	ACTSCIYR	$ 1
503	ACTSPYR	$ 1
504	ACTGERYR	$ 1
505	ACTFRYR	$ 1
506	ACTLANYR	$ 1
507	ACTBUSYR	$ 1
508	ACTVOCYR	$ 1
509	ACTHSENG	$ 1
510	ACTHSMTH	$ 1
511	ACTHSSOC	$ 1
512	ACTHSSCI	$ 1
513	ACTHSLAN	$ 1
514	ACTEXT1 - ACTEXT16	$ 1 (EACH)
530	ACTLEAD1 - ACTLEAD7	$ 1 (EACH)
537	ACTMUSC1 - ACTMUSC7	$ 1 (EACH)
544	ACTSPCH1 - ACTSPCH7	$ 1 (EACH)
551	ACTART1 - ACTART7	$ 1 (EACH)
558	ACTWRIT1 - ACTWRIT7	$ 1 (EACH)
565	ACTSCI1 - ACTSCI7	$ 1 (EACH)
572	ACTATHL1 - ACTATHL7	$ 1 (EACH)
579	ACTSVC1 - ACTSVC7	$ 1 (EACH)
586	ACTWORK1 - ACTWORK7	$ 1 (EACH)
593	ACTEXP1 - ACTEXP11	$ 1 (EACH)
604	ACTEXPAQ	$ 1
605	ACTEOS	$ 1
606	ACTOCA1 - ACTOCA9	$ 1 (EACH)
615	ACTTST	$ 4

STARTING POSITION	VARIABLE	LENGTH	
619	DOB	$ 8	/* CORE DATA */
627	SEX	$ 1	
628	TGRA	$ 3	
631	TDOR	$ 8	
639	BPED	$ 8	
647	EADC	$ 8	
655	DTRA	$ 8	
663	SOC	$ 1	
664	SEPDT	$ 8	
672	SPD	$ 3	
675	BABR	$ 2	
677	BRCD	$ 2	
679	FACD	$ 2	
681	UUIC	$ 5	
686	REDCAT	$ 1	
687	ETHGP	$ 1	
688	BYRGP	$ 4	
692	PHDT1 - PHDT10	$ 8	(EACH)
772	CELC	$ 1	
773	MEL	$ 1	
774	RCEAS1 - RCEAS3	$ 3	(EACH)
783	MARST	$ 1	
784	DEPS	2	
786	NODA	2	
788	COMPT	$ 1	
789	CURSA	$ 1	
790	COBO	$ 2	
792	ORAPT	$ 1	
793	CPPN	$ 2	
795	PPPN	$ 2	
797	TGPGC	$ 1	
798	BRAOC1	$ 1	
799	FAAOC1	$ 1	
800	MEDN3	$ 4	
804	MED1A	$ 6	
810	MED2A	$ 2	
812	MED3A	$ 4	
816	MED4A	$ 2	
818	MED3B	$ 4	
822	MABC3A	$ 4	
826	MABC3B	$ 4	
830	MEDMO2	$ 2	
832	MEDMO3	$ 3	
835	MDMO32	$ 3	
838	MDMO22	$ 2	
840	MDGRDYY	$ 4	
844	MDGRDMM	$ 2	
846	MDGRDDD	$ 2	

STARTING POSITION	VARIABLE	LENGTH
848	OMFLAG79 - OMFLAG99 OMFLAG00	$ 1 (EACH)
870	DUTYFL70 - DUTYFL99 DUTYFL00	$ 1 (EACH)
901	SEPFL70 - SEPFL99 SEPFL00	$ 1 (EACH)
932	PROMO1 - PROMO9	10.2 (EACH)
1022	ACTYEAR	$ 4
1026	FLAGACT	$ 1
1027	FLAGETS	$ 1
1028	MILD1 - MILD15	$ 2 (EACH)
1058	MILDAT1 - MILDAT15	$ 4 (EACH)

/*   OADB YEAR SECTION REPEATS 22 TIMES - 1979 thru 2000   */

STARTING POSITION	VARIABLE	LENGTH	
1118	TGRA	$ 3	/* OADB 1979 */
1121	TGPGC	$ 1	
1122	CPPN	$ 2	
1124	PPPN	$ 2	
1126	MEL	$ 1	
1127	CELC	$ 1	
1128	MARST	$ 1	
1129	NODA	2	
1131	NOADC	2	
1133	FACD	$ 2	
1135	BABR	$ 2	
1137	BRCD	$ 2	
1139	CAFD	$ 8	
1147	CAUN	$ 4	
1151	CAL	$ 3	
1154	CADT	$ 24	
1178	CMDTR	$ 3	
1181	LTCCA	$ 8	
1189	LTCTA	$ 8	
1197	CMDSL1	$ 3	
1200	COLCA1	$ 8	
1208	COLTA1	$ 8	
1216	DEPOS	$ 6	
1222	DEROS	$ 8	
1230	CSBAD1 - CSBAD5	$ 2 (EACH)	
1240	SKILL1 - SKILL6	$ 2 (EACH)	
1252	HEIGT	2	
1254	WEIGT	3	
1257	FAST1	$ 1	
1258	FAST2	$ 2	
1260	FAST3	$ 1	

STARTING POSITION	VARIABLE	LENGTH			
1261	FAST4	$ 2	/*	OADB 1979	*/
1263	OPP	$ 1	/*	CONTINUED	*/
1264	OPPDTE	$ 6			
1270	UUIC	$ 5			

/*   THE 1979 OADB VARIABLES REPEAT FOR 1980 THRU 2000   */

STARTING POSITION	VARIABLE	LENGTH			
1275	OADB 1980	157			
1432	OADB 1981	157			
1589	OADB 1982	157			
1746	OADB 1983	157			
1903	OADB 1984	157			
2060	OADB 1985	157			
2217	OADB 1986	157			
2374	OADB 1987	157			
2531	OADB 1988	157			
2688	OADB 1989	157			
2845	OADB 1990	157			
3002	OADB 1991	157			
3159	OADB 1992	157			
3316	OADB 1993	157			
3473	OADB 1994	157			
3630	OADB 1995	157			
3787	OADB 1996	157			
3944	OADB 1997	157			
4101	OADB 1998	157			
4258	CYLU98	$30			
4288	CMDTR598	$ 5			
4293	CMDSL598	$ 5			
4298	OADB 1999	157			
4455	CYLU99	$30			
4485	CMDTR599	$ 5			
4490	CMDSL599	$ 5			
4495	OADB 2000	157			
4652	CYLU00	$30			
4682	CMDTR500	$ 5			
4687	CMDSL500	$ 5			
4692	BOARDTP1	$ 3	/*	SELECTION	*/
4695	BOARDTP2	$ 3	/*	BOARD DATA	*/
4698	BOARDTP3	$ 3			
4701	BOARDTP4	$ 3			
4704	BOARDTP5	$ 3			
4707	BOARDYR1	$ 4			
4711	BOARDYR2	$ 4			
4715	BOARDYR3	$ 4			
4719	BOARDYR4	$ 4			
4723	BOARDYR5	$ 4			
4727	SELECT1	$ 1			
4728	SELECT2	$ 1			

STARTING POSITION	VARIABLE	LENGTH
4729	SELECT3	$ 1
4730	SELECT4	$ 1
4731	SELECT5	$ 1
4732	ZONE1	$ 1
4733	ZONE2	$ 1
4734	ZONE3	$ 1
4735	ZONE4	$ 1
4736	ZONE5	$ 1